



Equine alimentary diseases (non-infectious)

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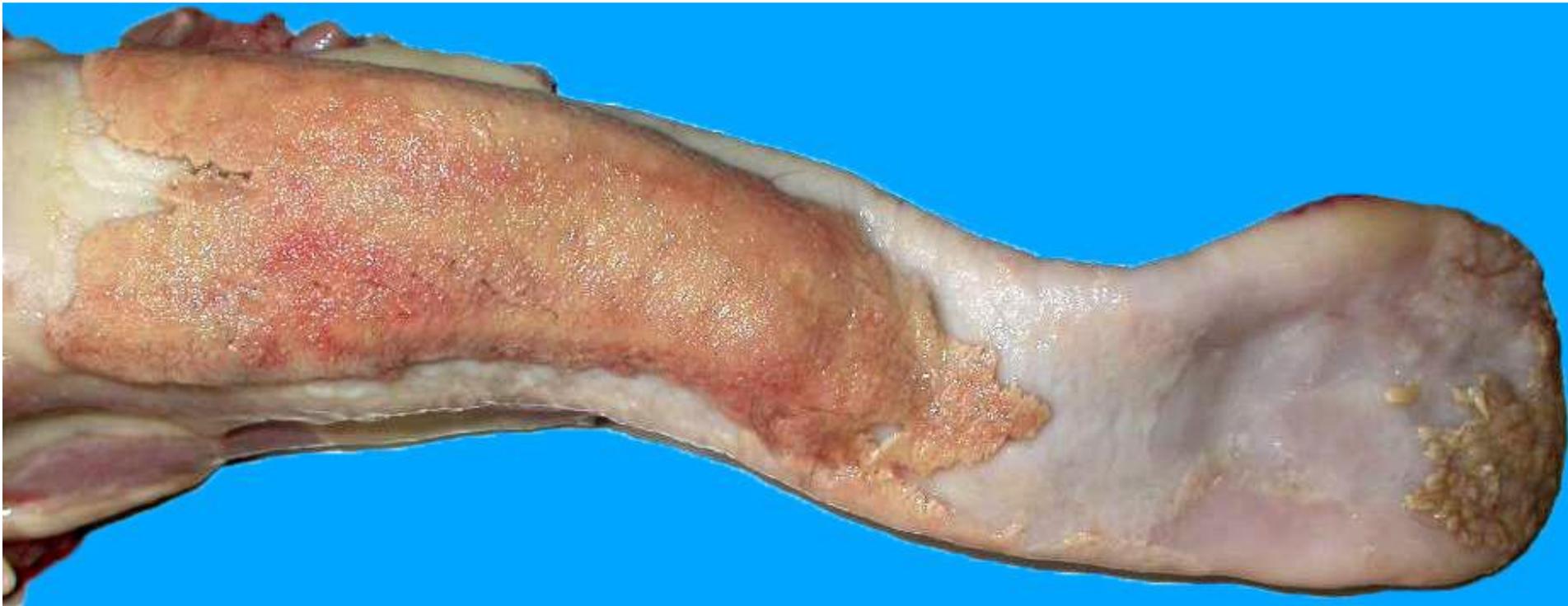
Patty Pesavento

Sionagh Smith

Upper alimentary system





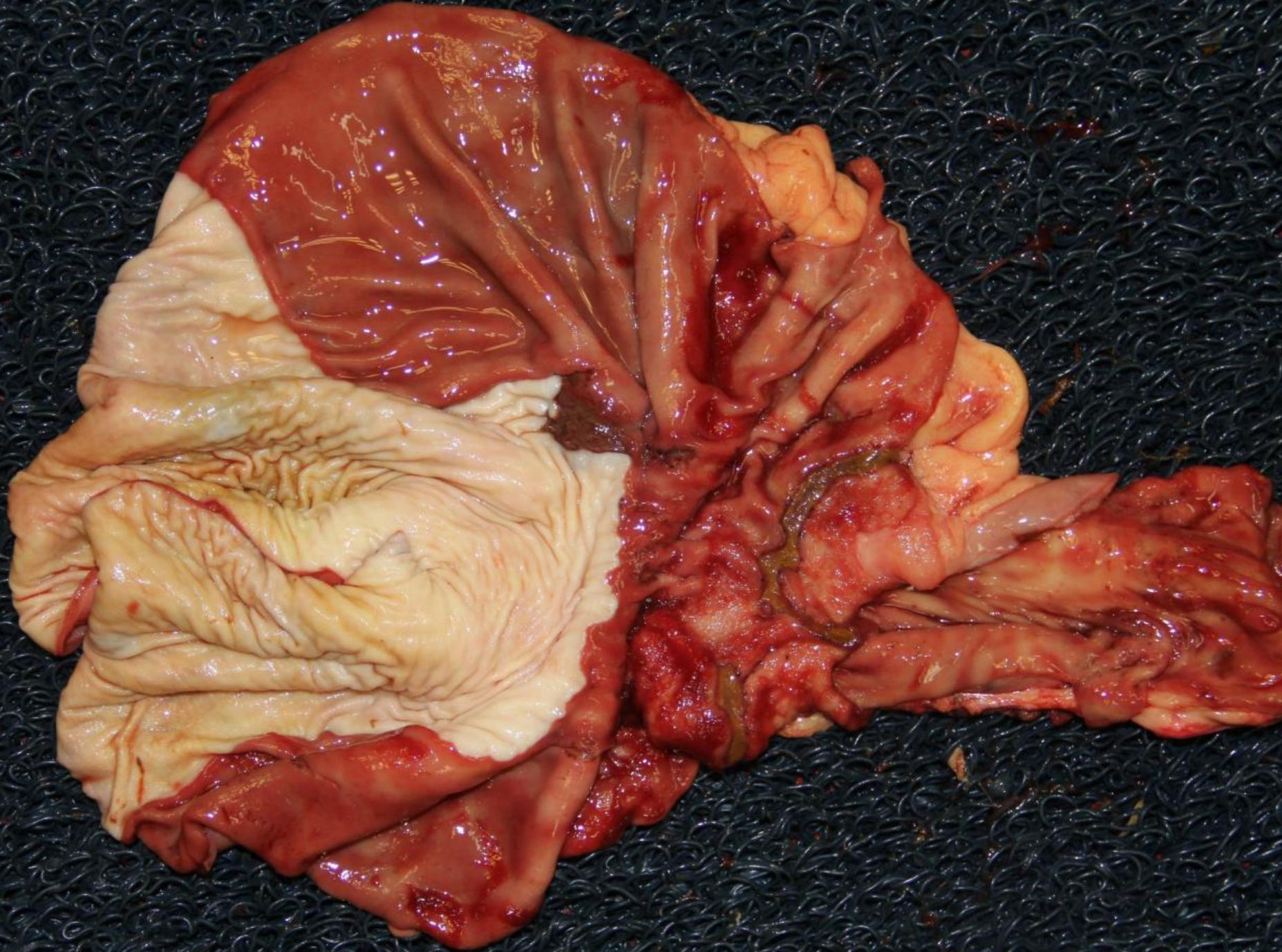


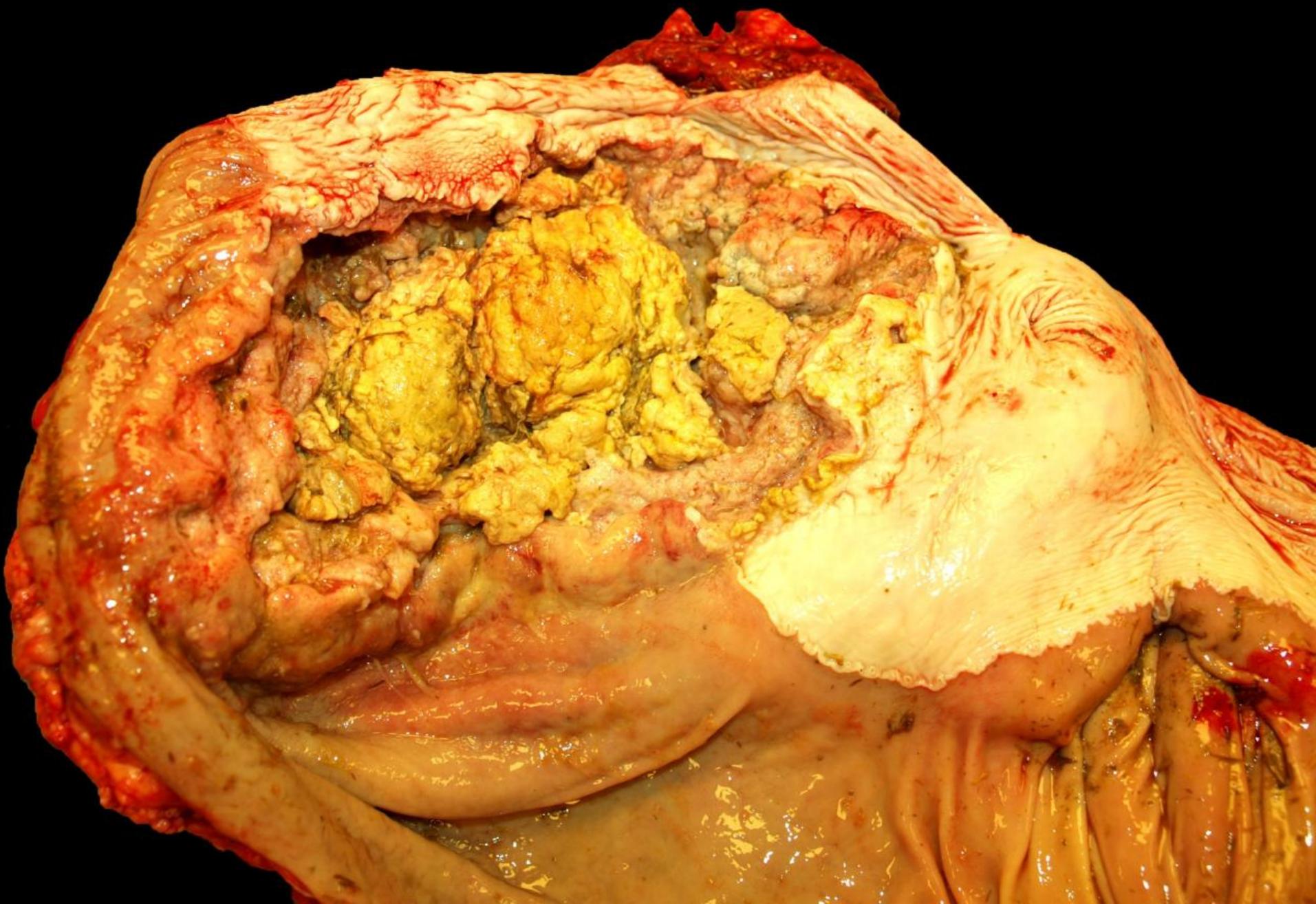


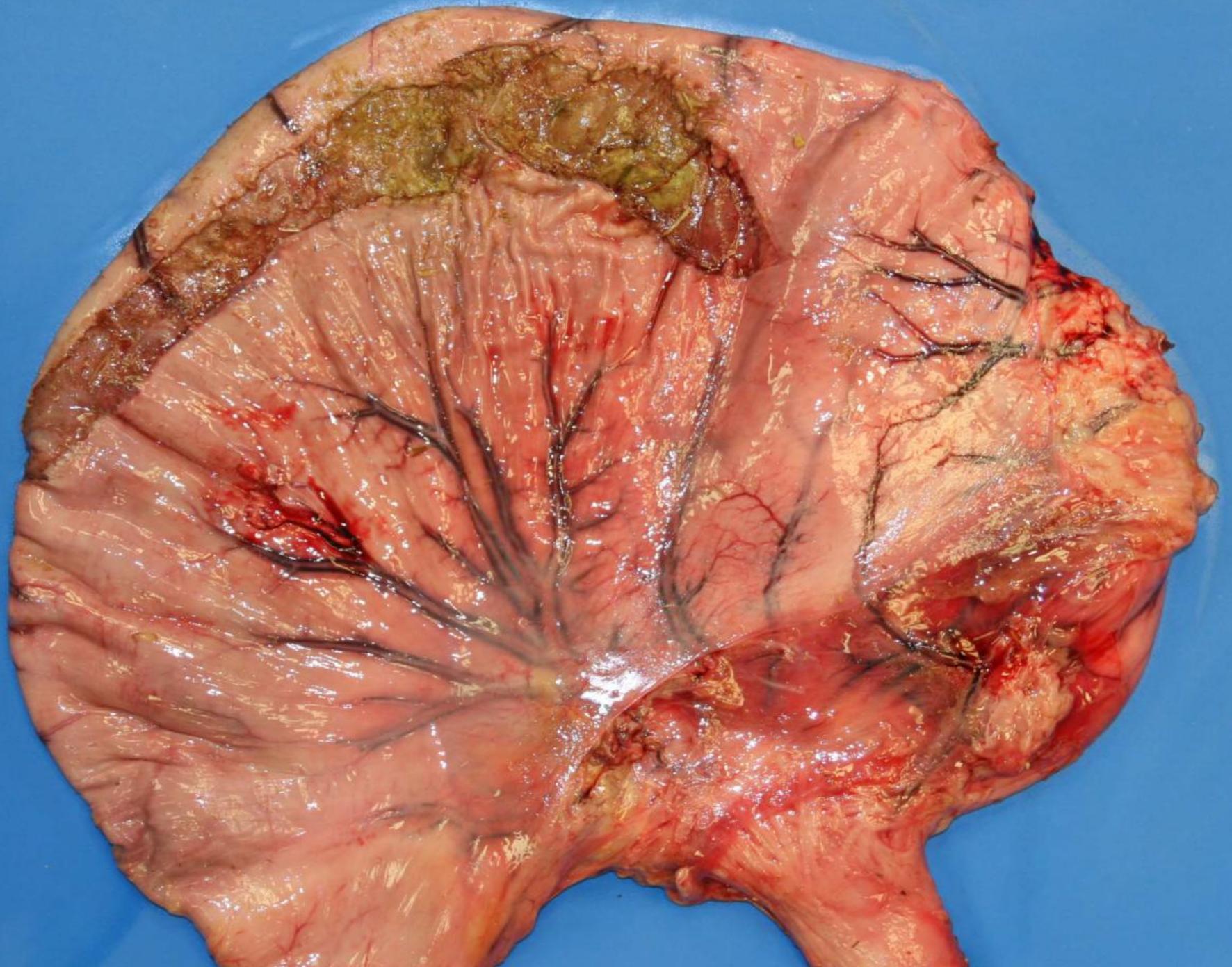


Stomach









Intestine

Non-infectious equine enteritis–colitis

Developmental

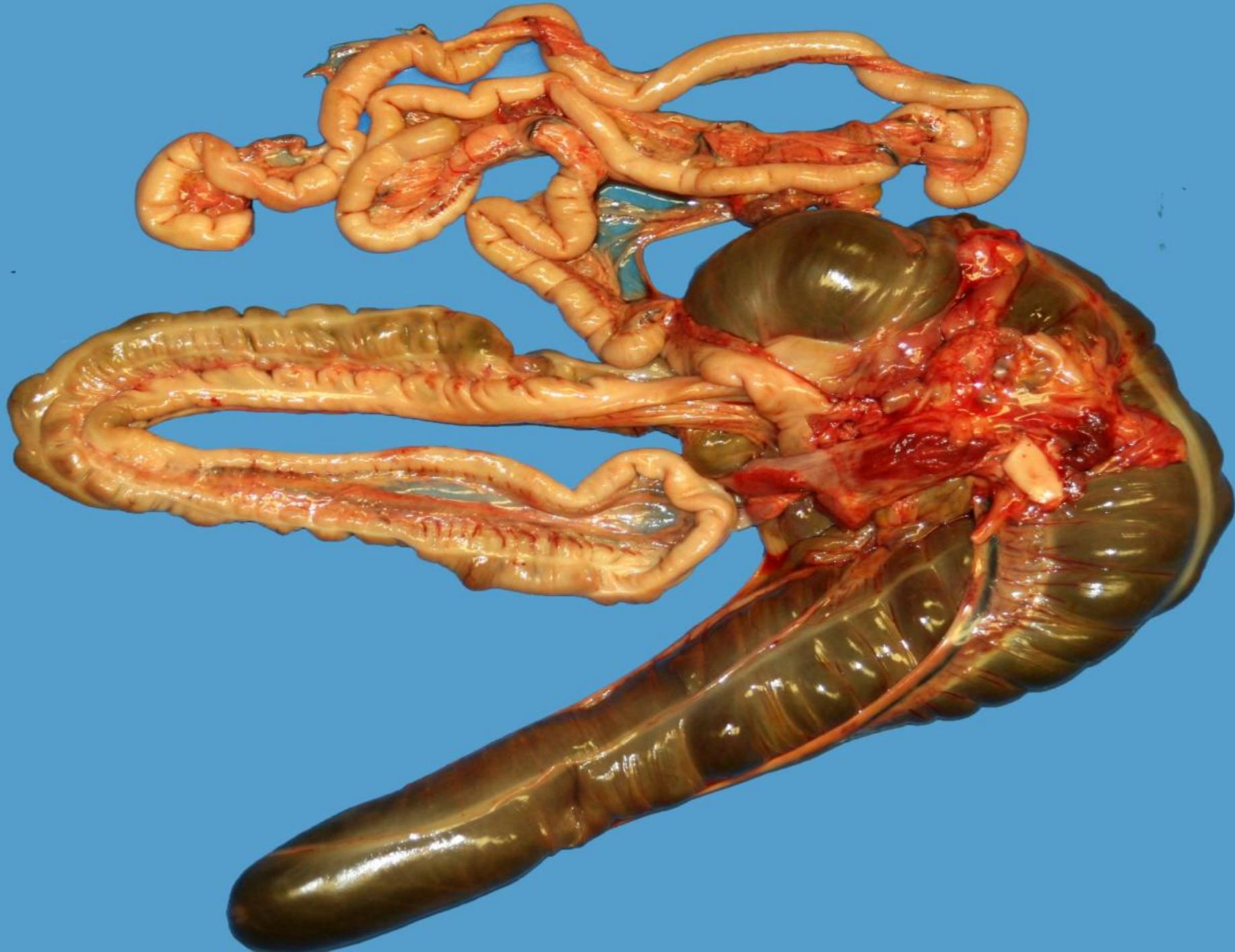
Dysbacteriosis ???????????

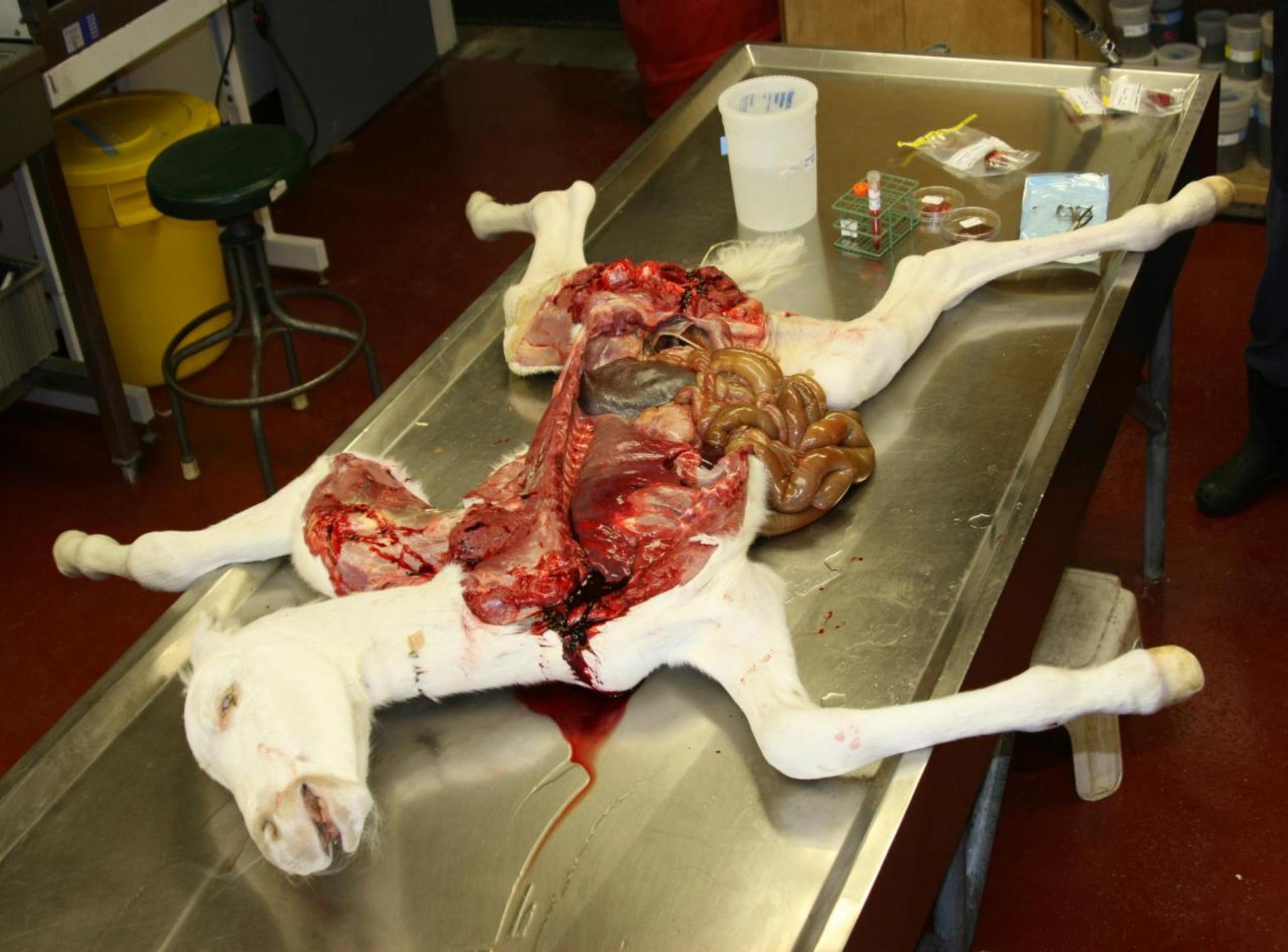
Drugs NSAIDs

Toxic Arsenic
Cantharidin
Ricin
Oleander

Displacements Various

Neoplasia





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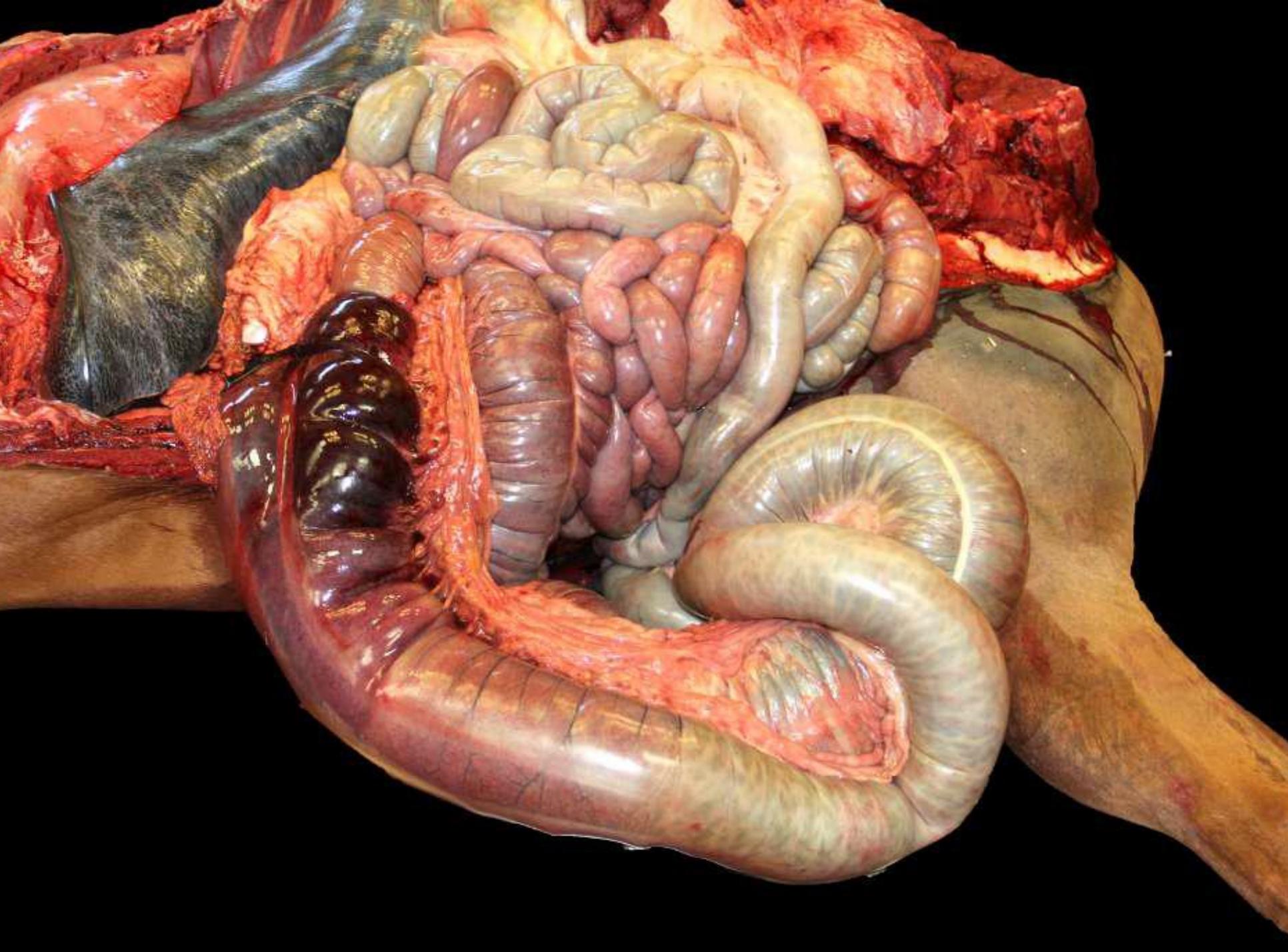
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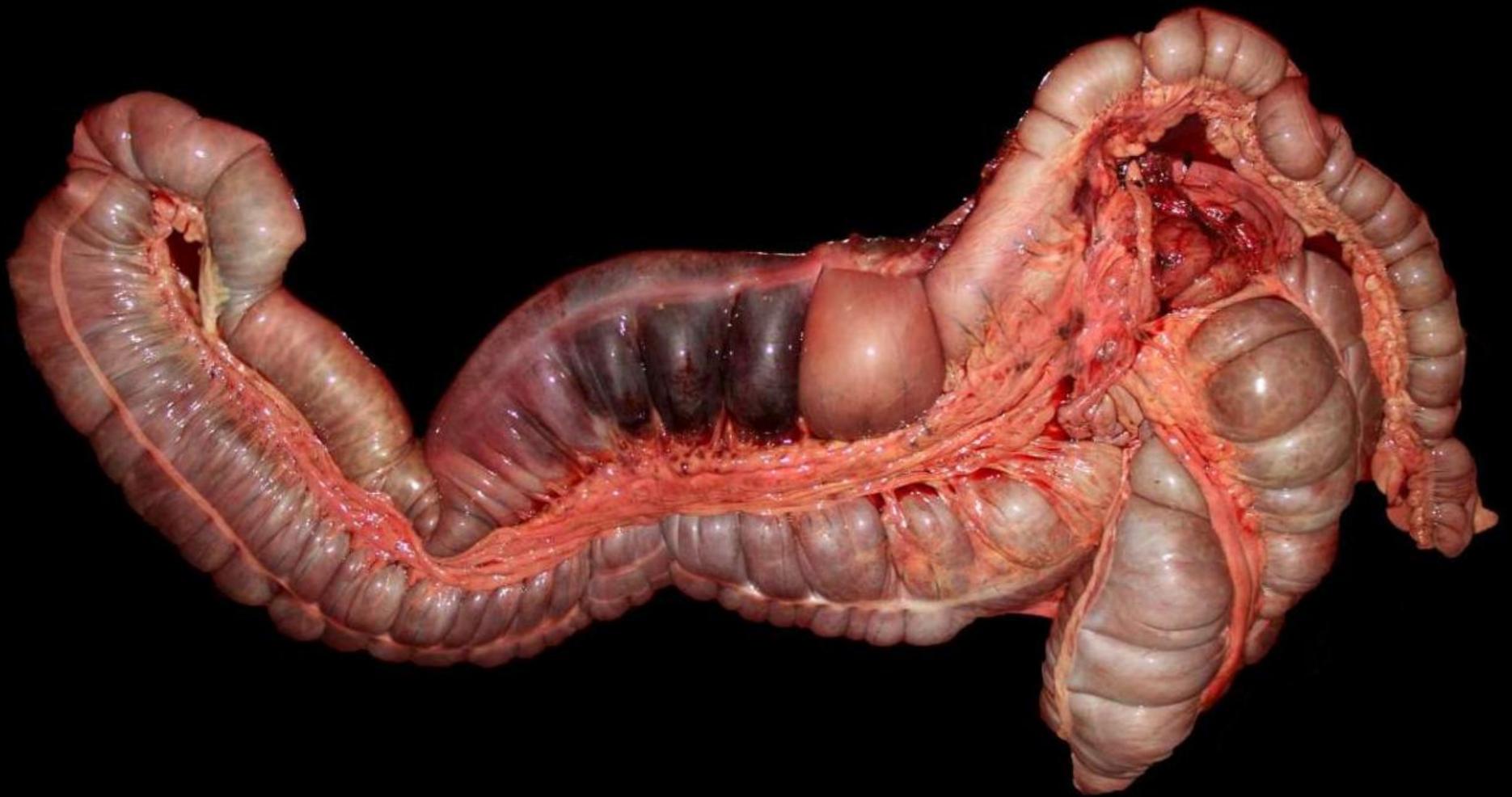
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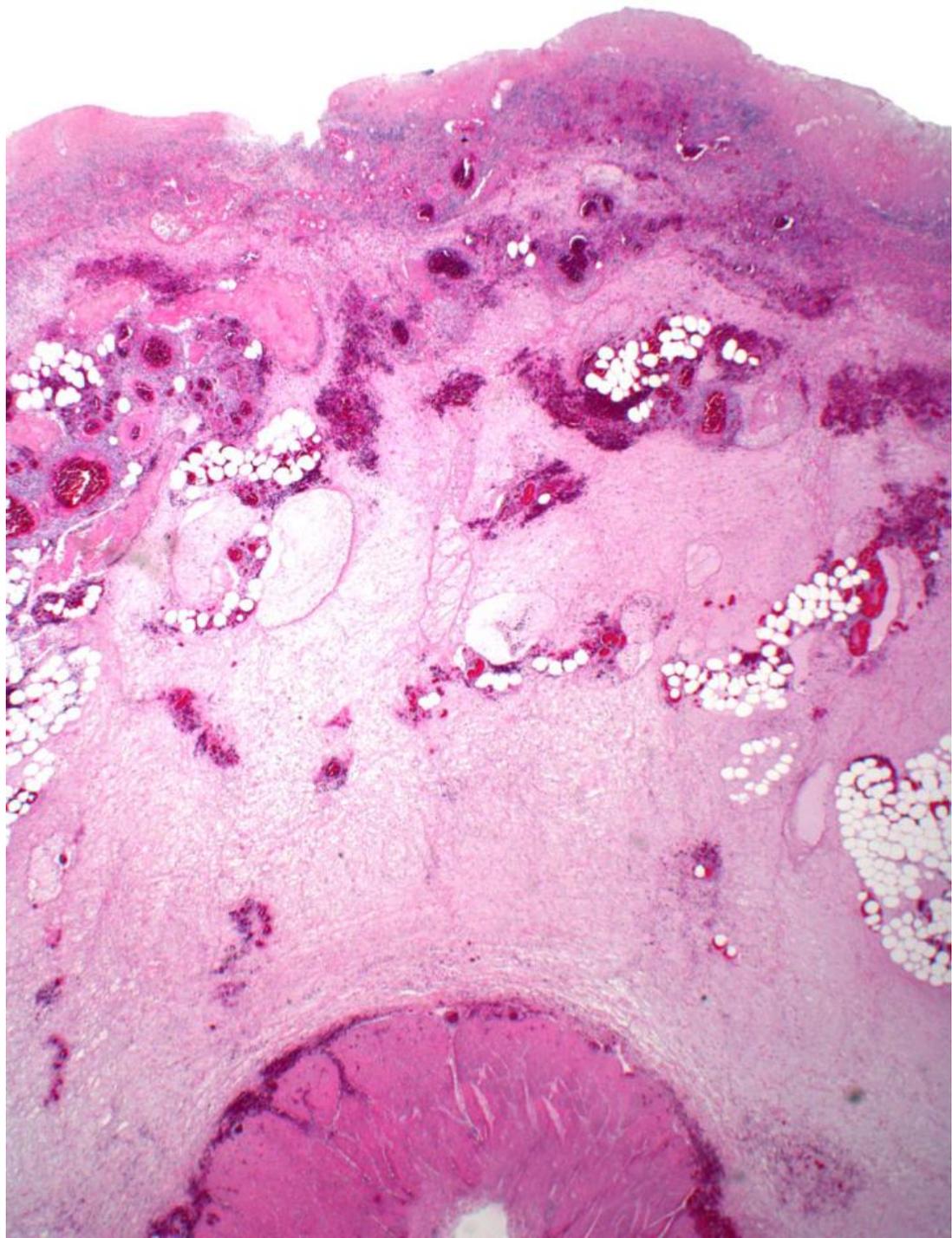
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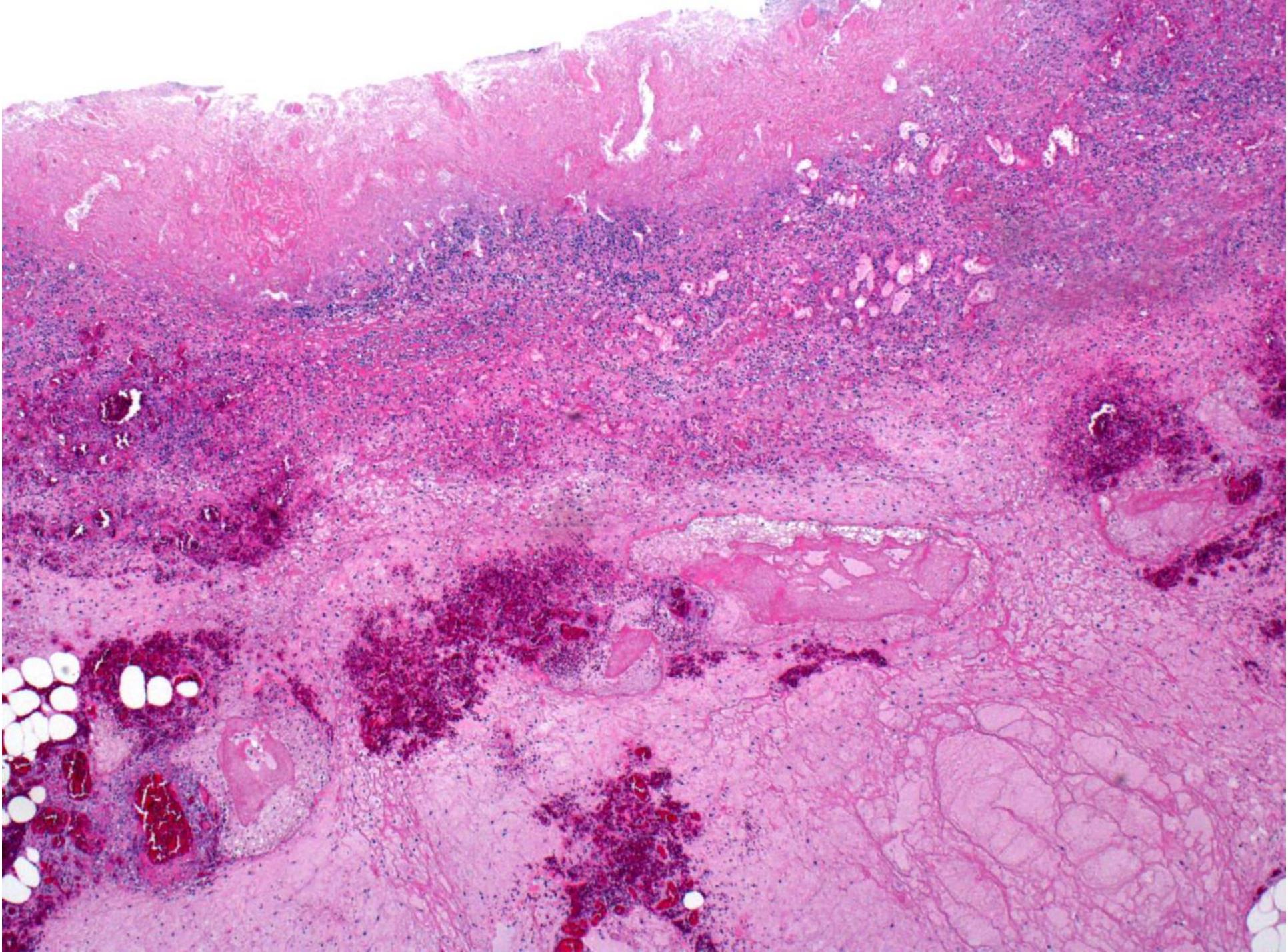
Neoplasia

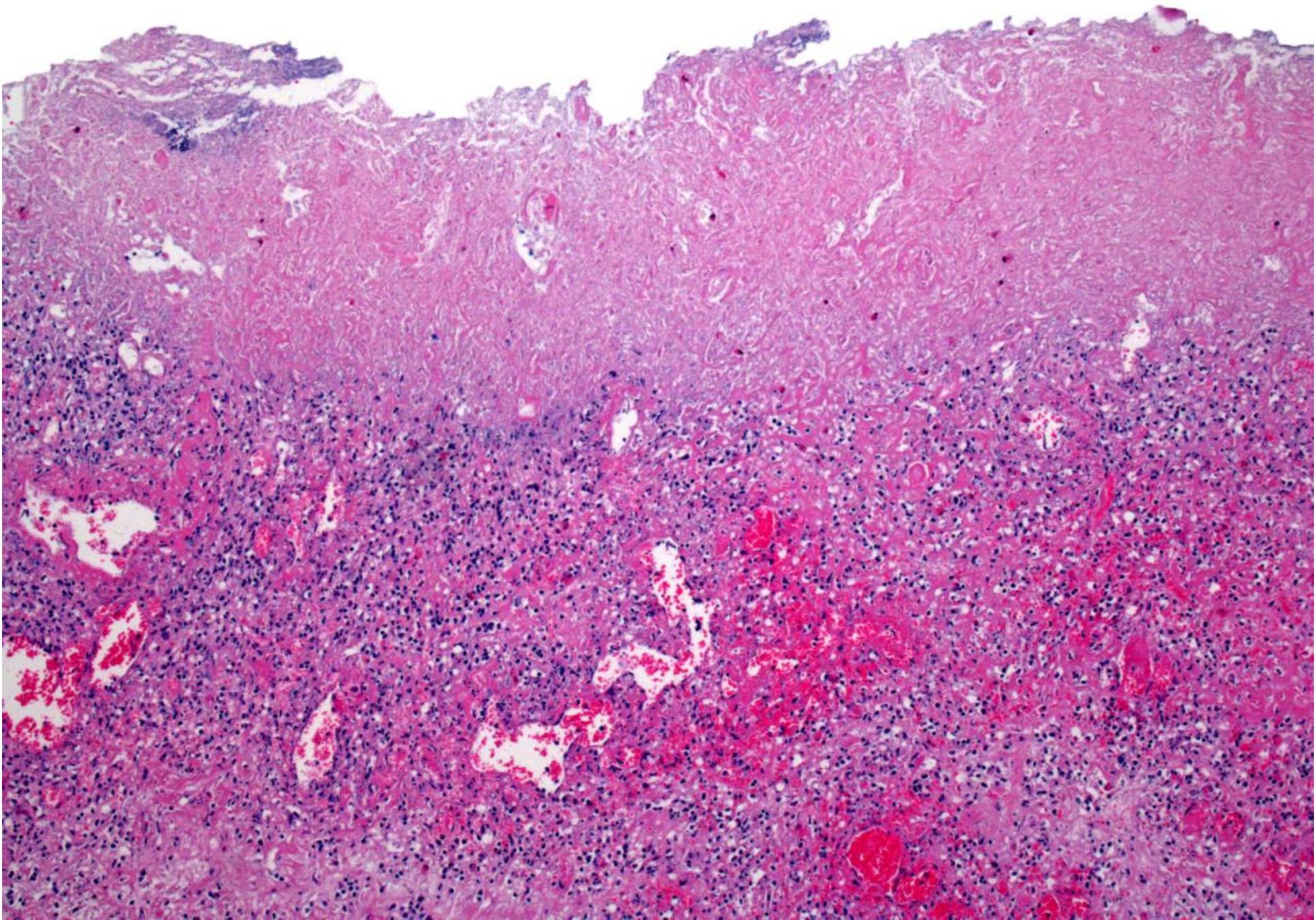


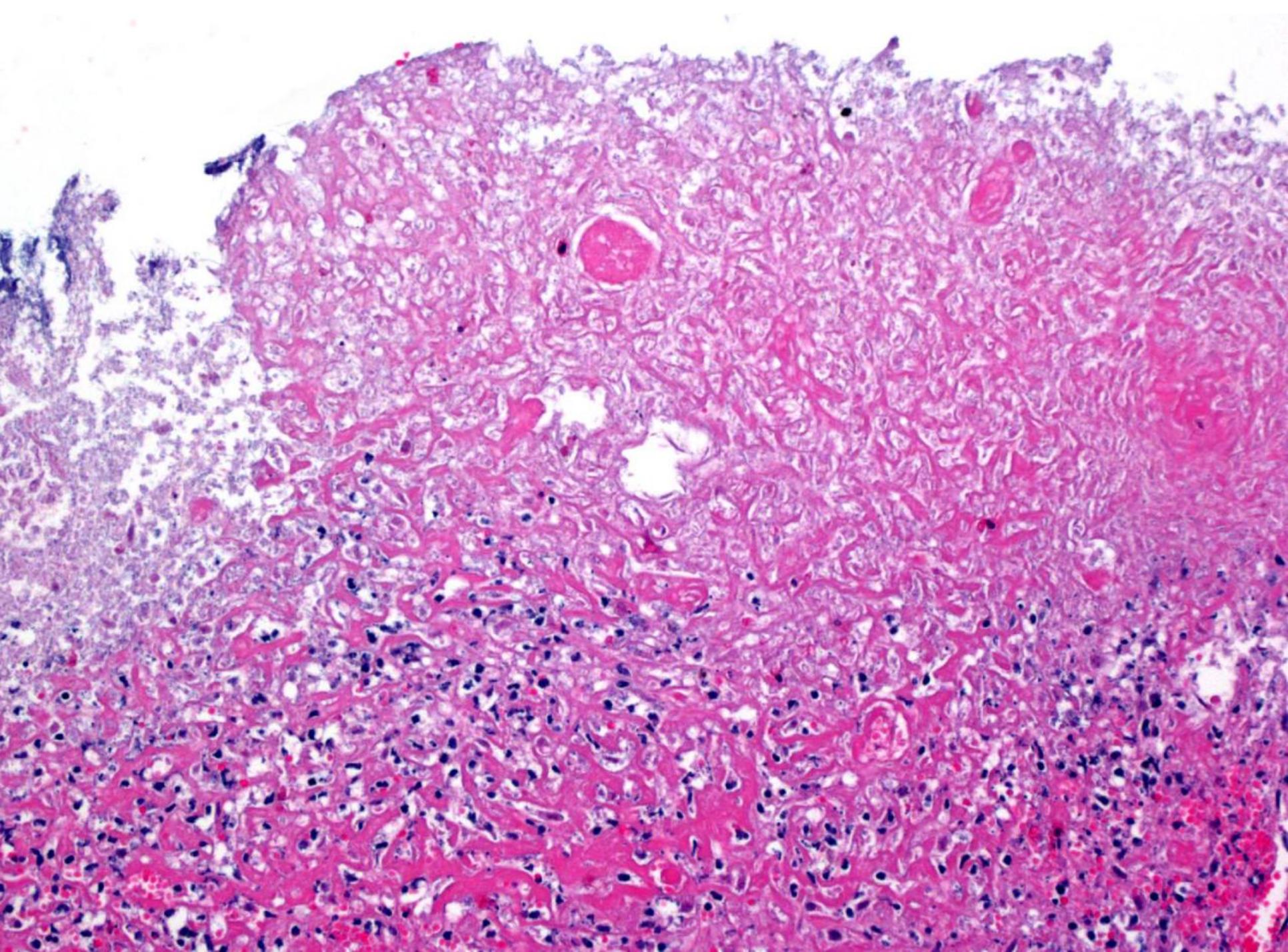


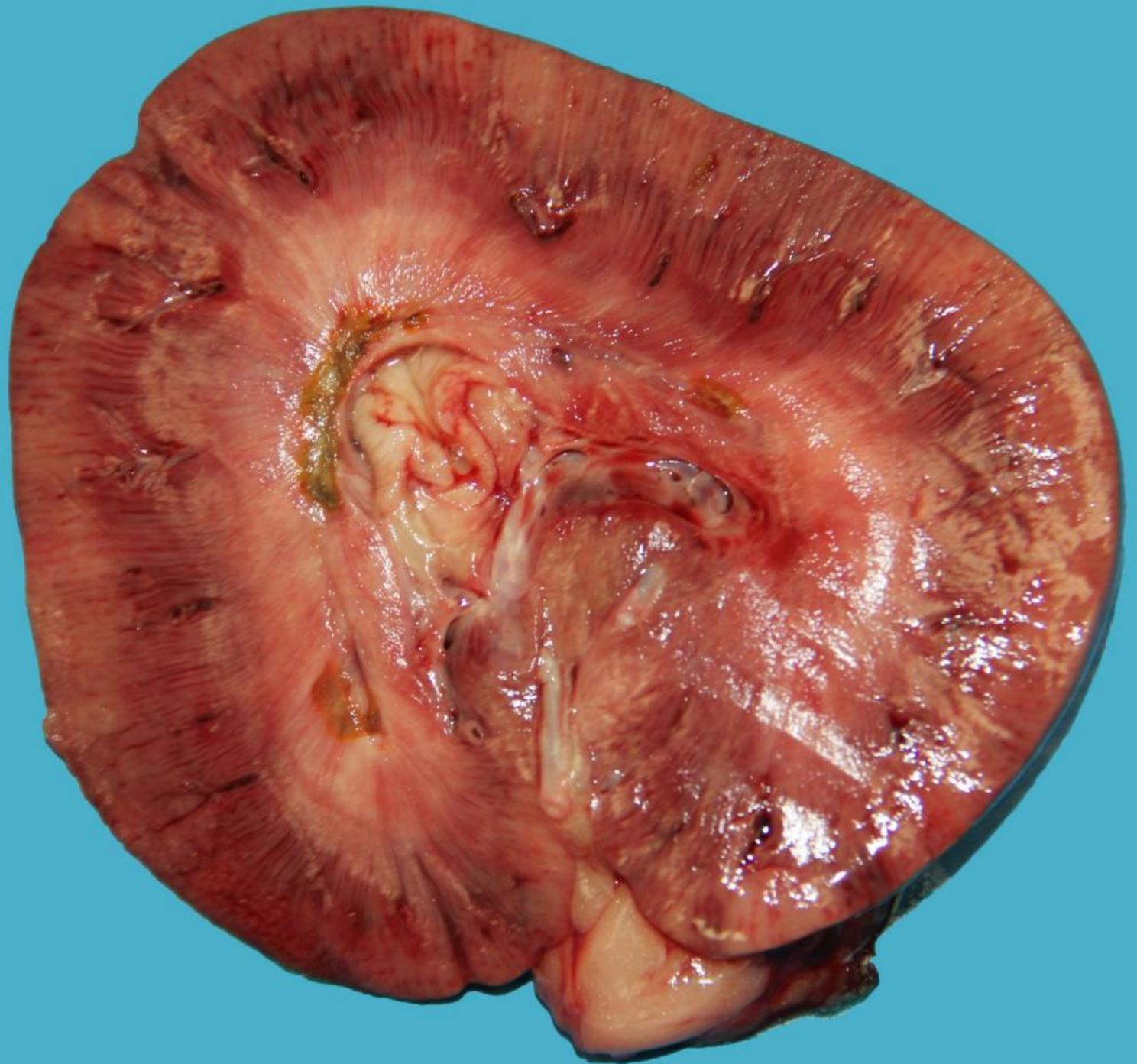












PATHOGENESIS

NSAIDs → inhibition COX 2 →

reduction Pg E₂ production →

ischemia →

necrosis, ulceration

NSAIDs

***Right dorsal colitis**

***Renal papillary necrosis**

***Gastric ulceration**

DIAGNOSIS

- 1-No specific tests available
- 2-Lesion distribution
- 3-Clinical history
- 4-Ruling out other causes of colitis

Detection of NSAIDs

Any diagnostic value?

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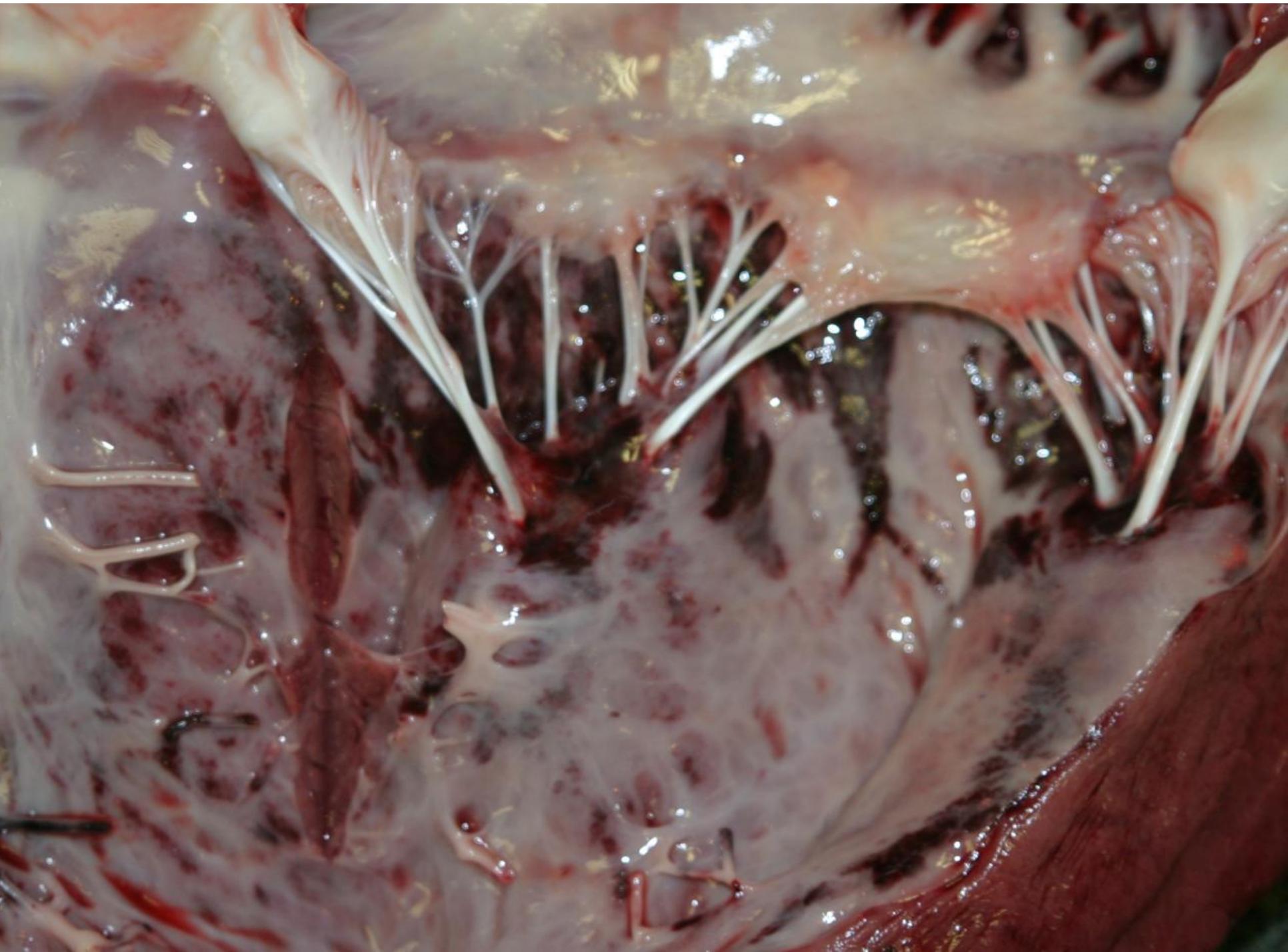


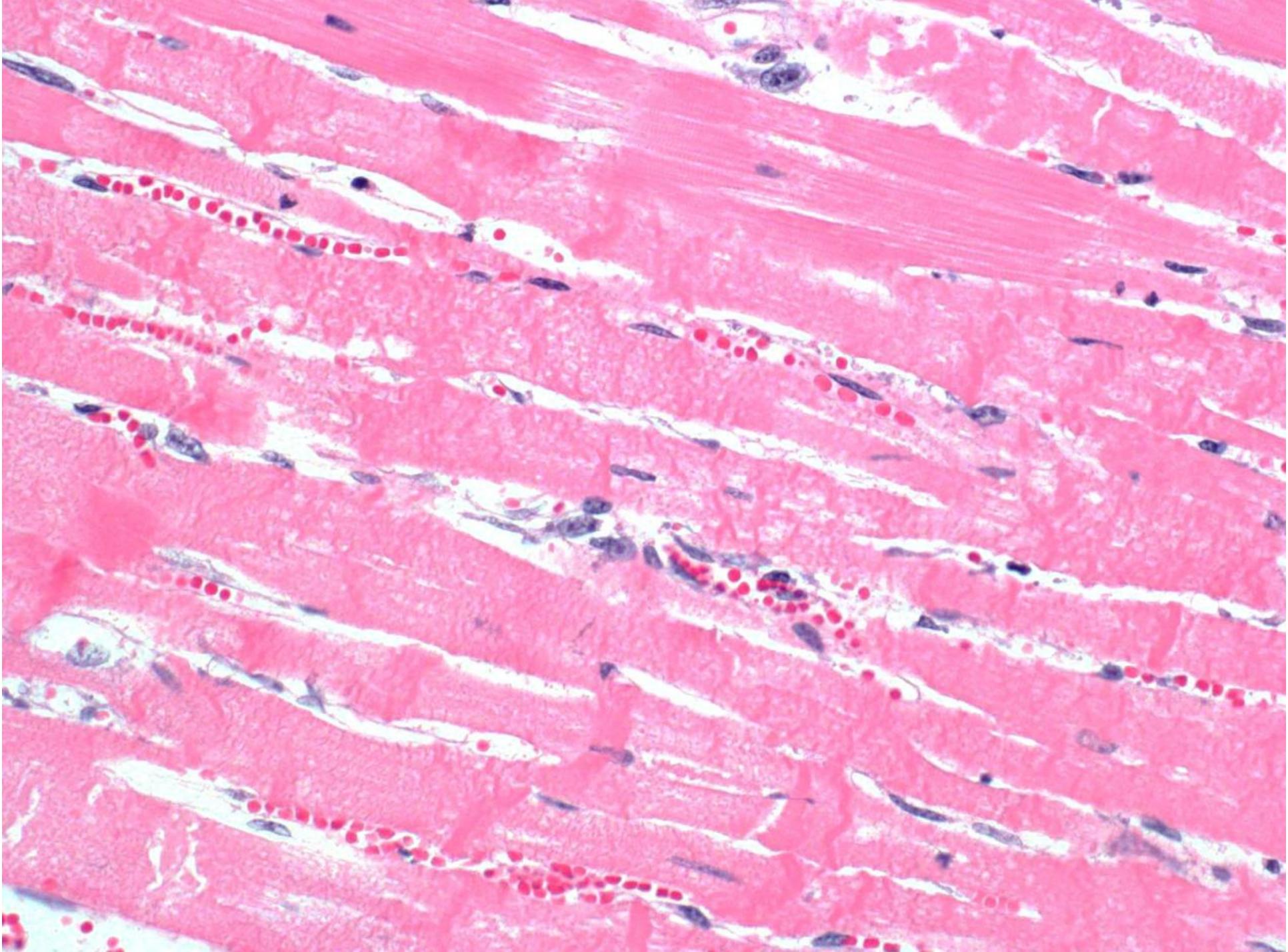














DIAGNOSIS

**1-Detection of toxic substances in
tissue/fluids**

Non-infectious equine enteritis–colitis

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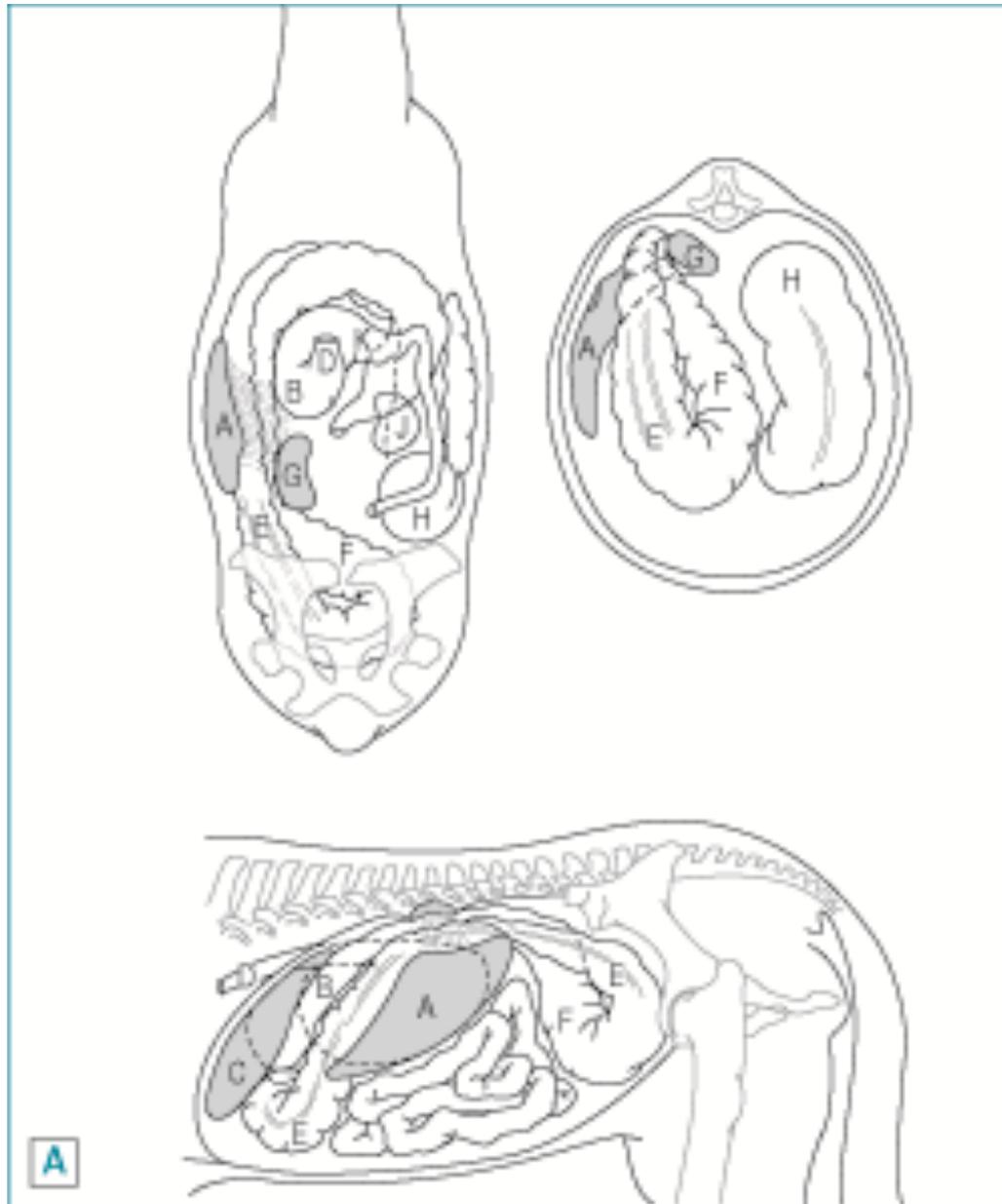
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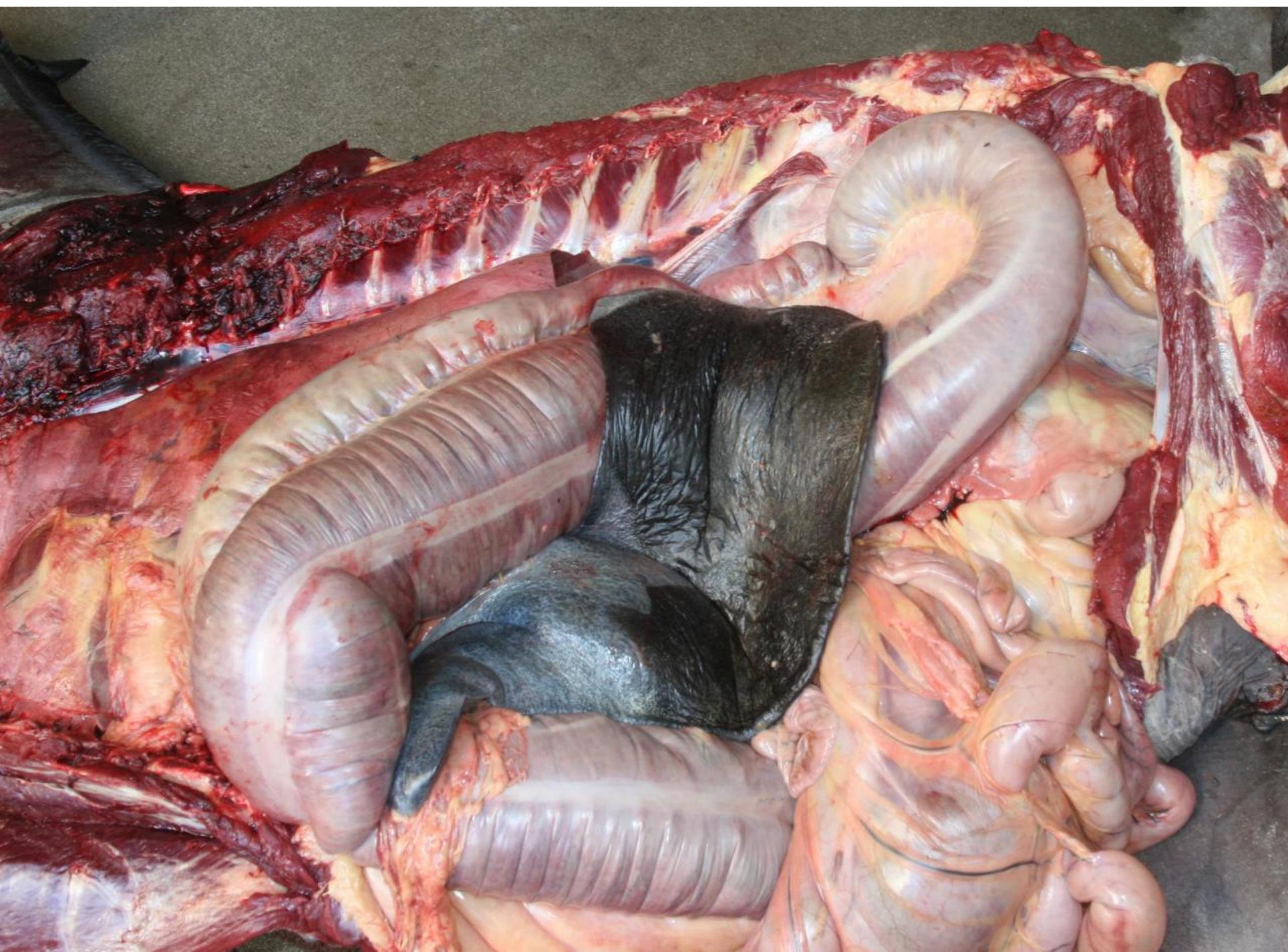
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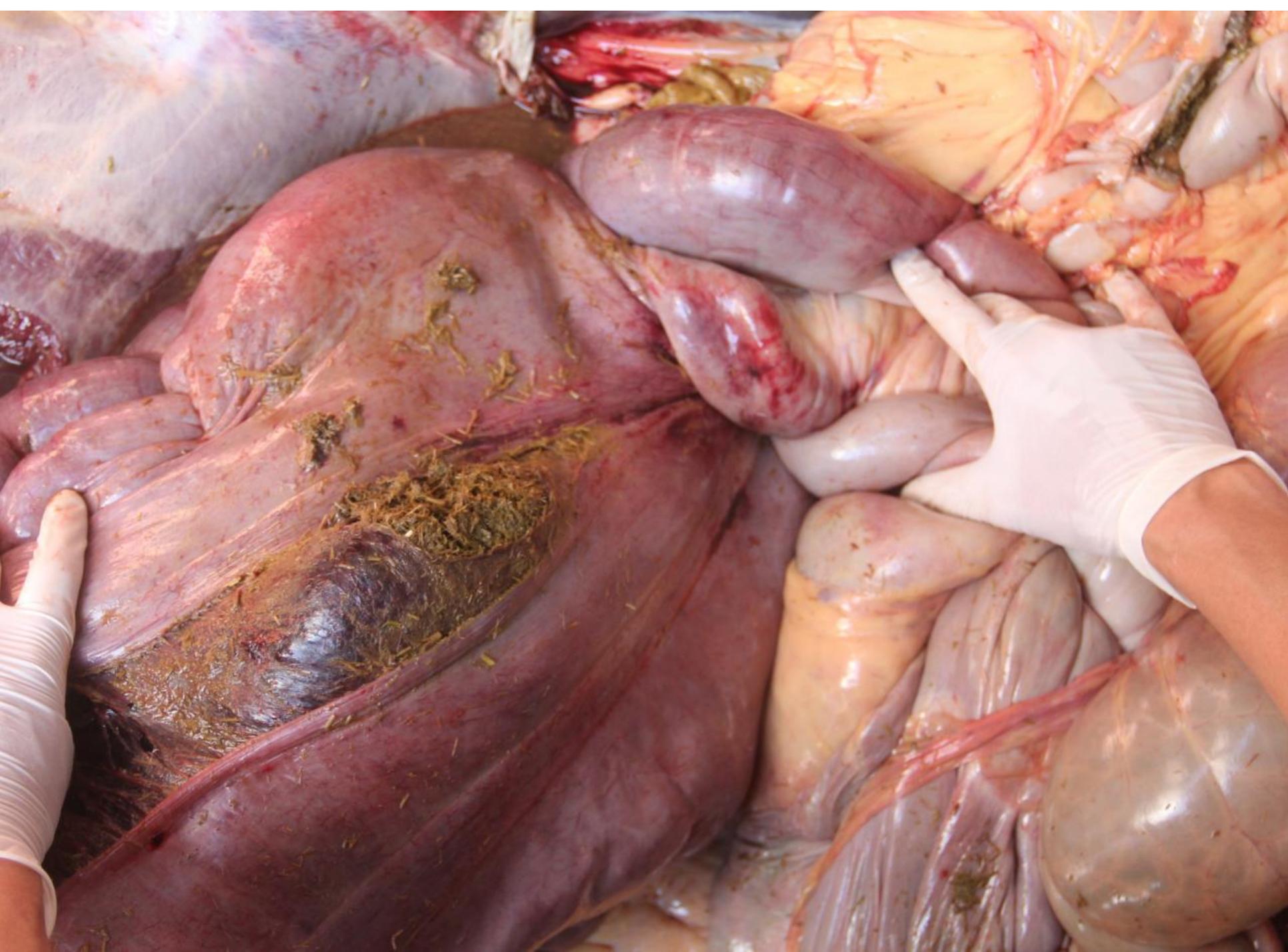
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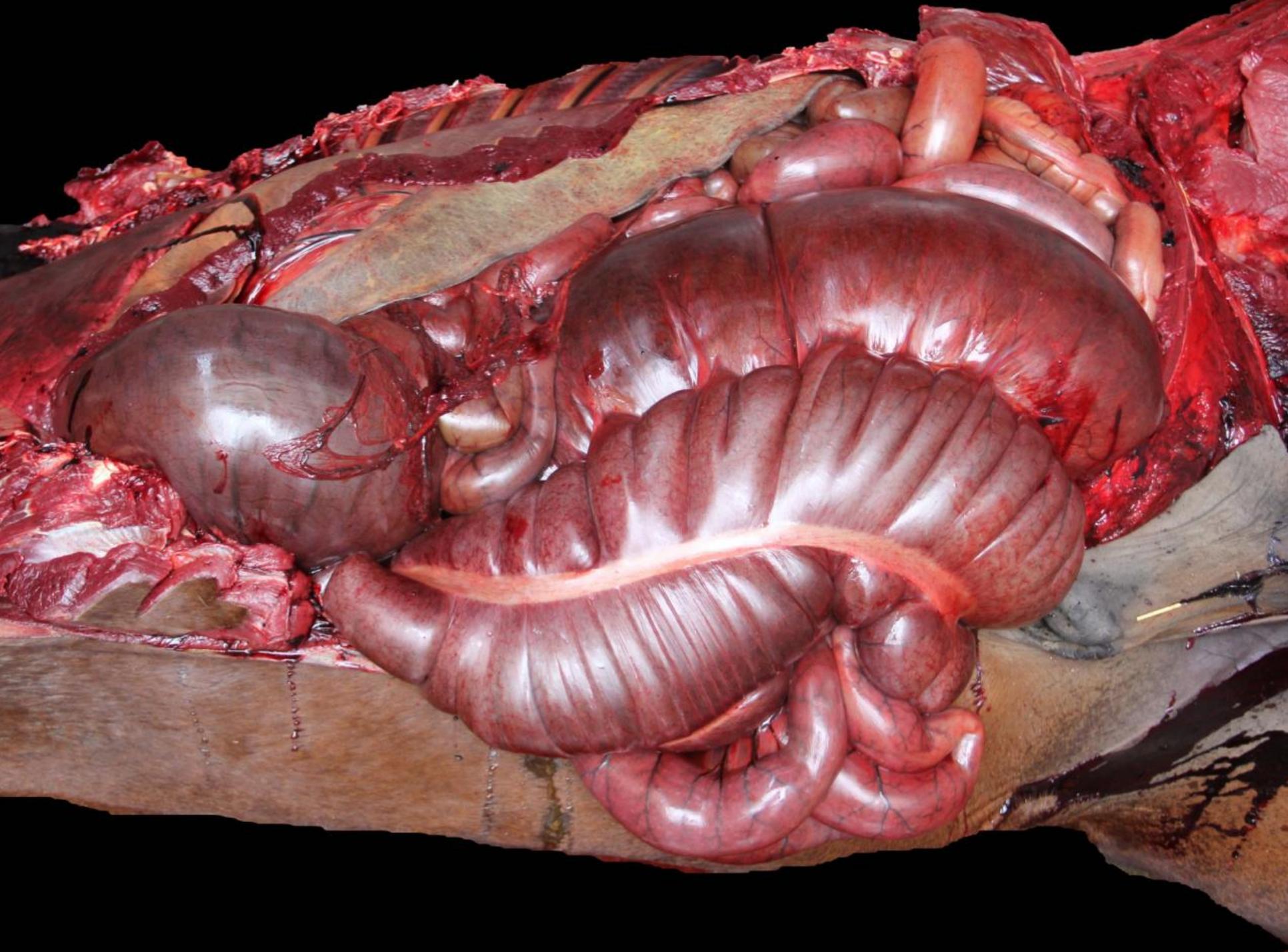
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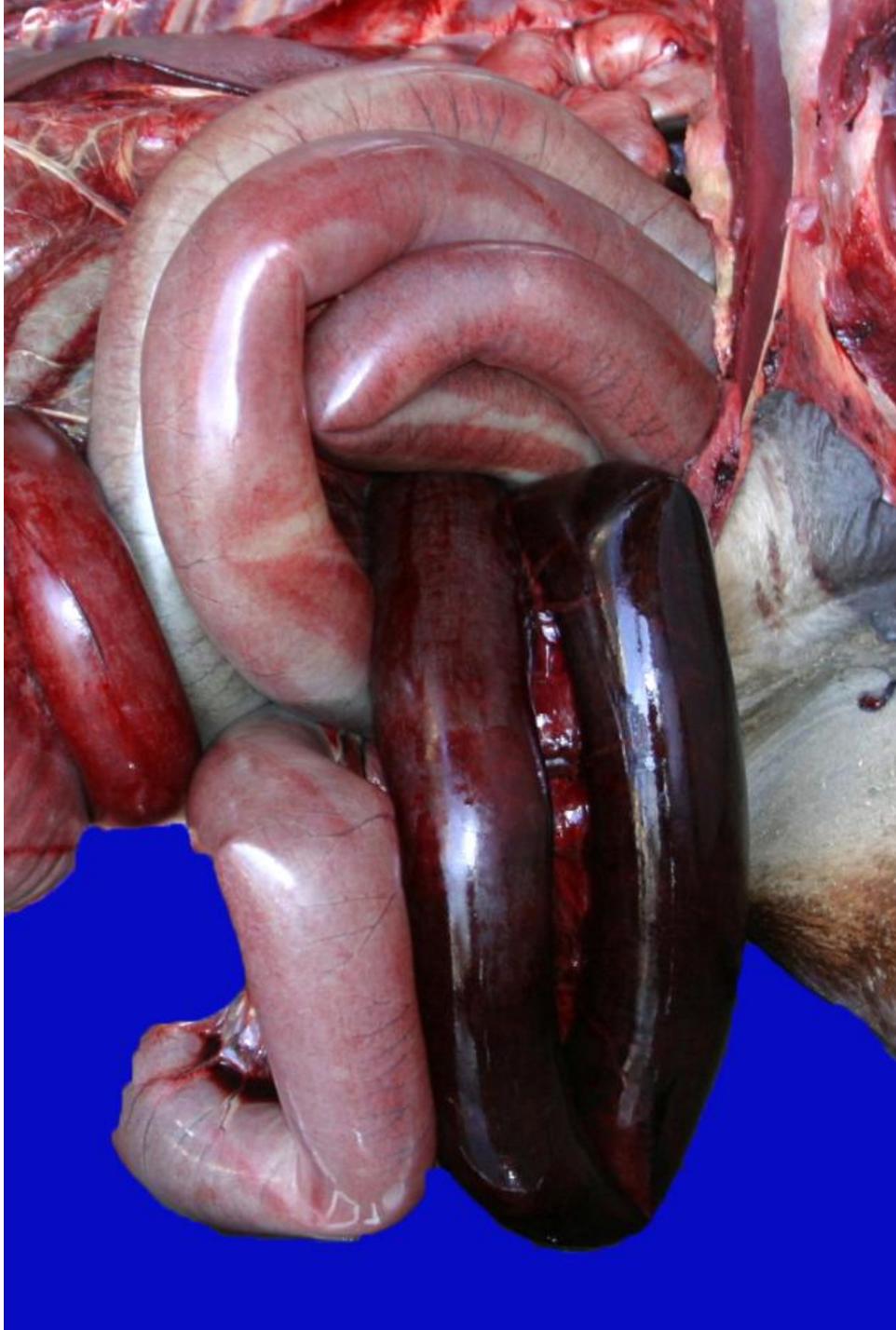
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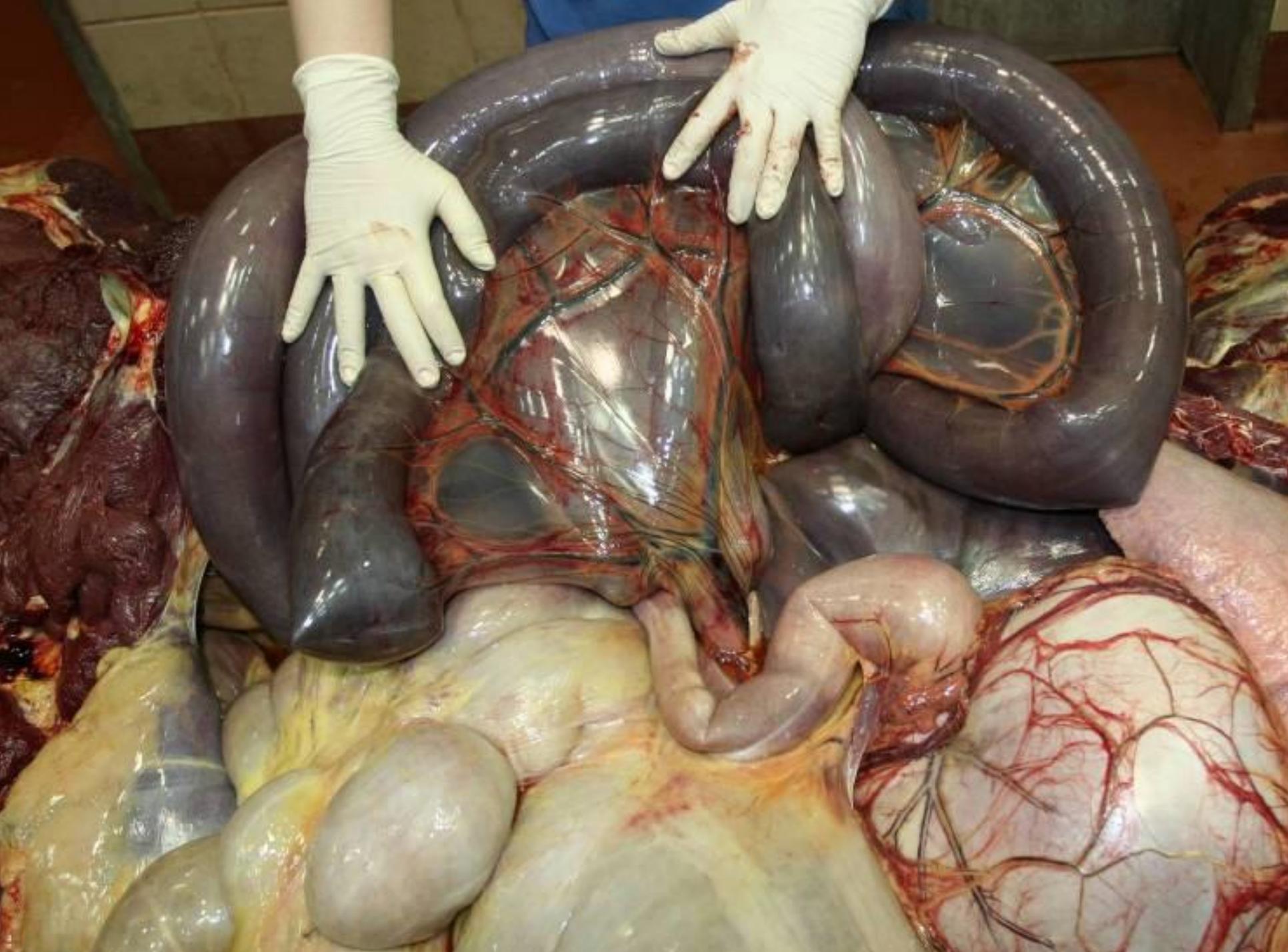


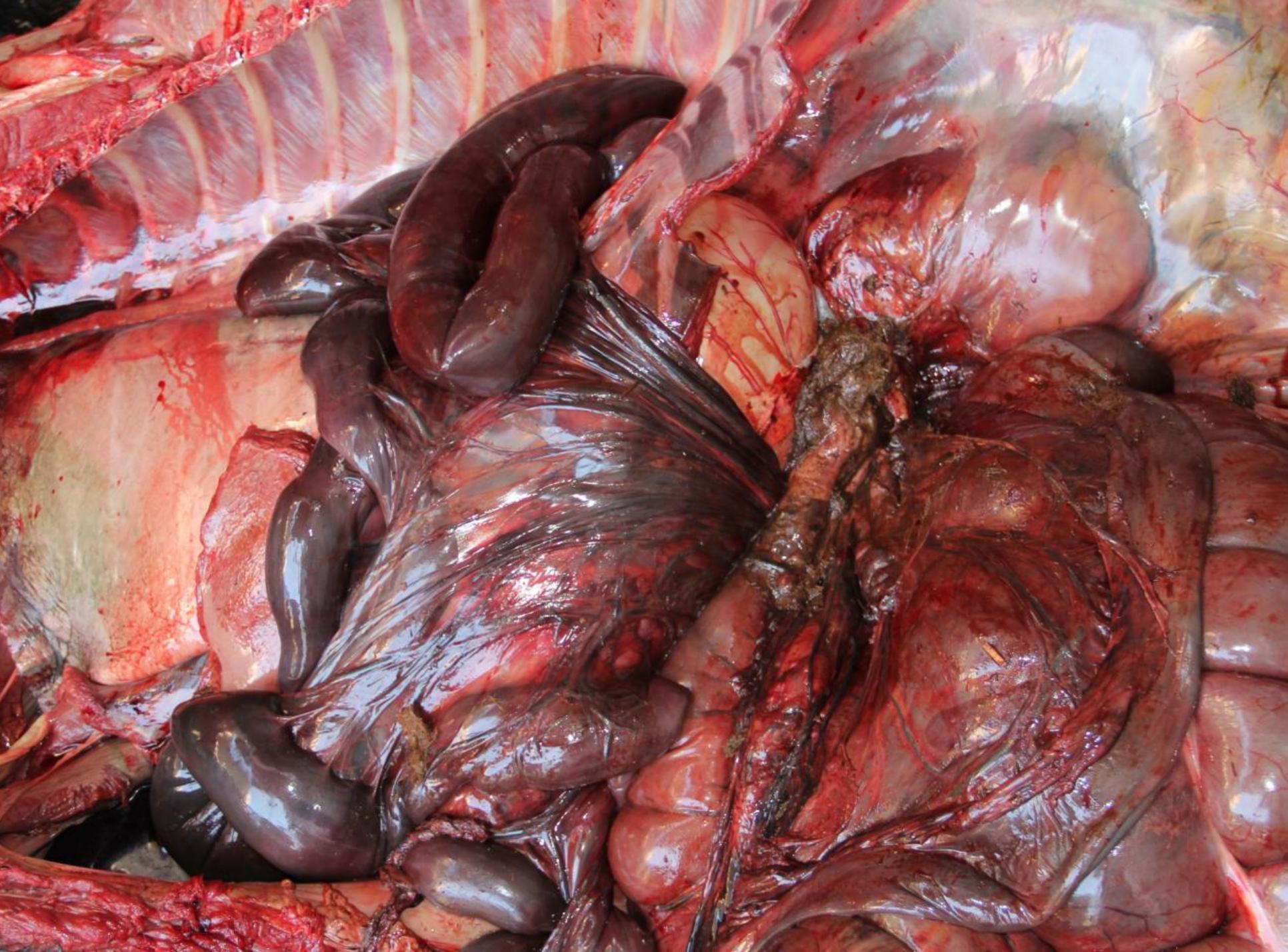






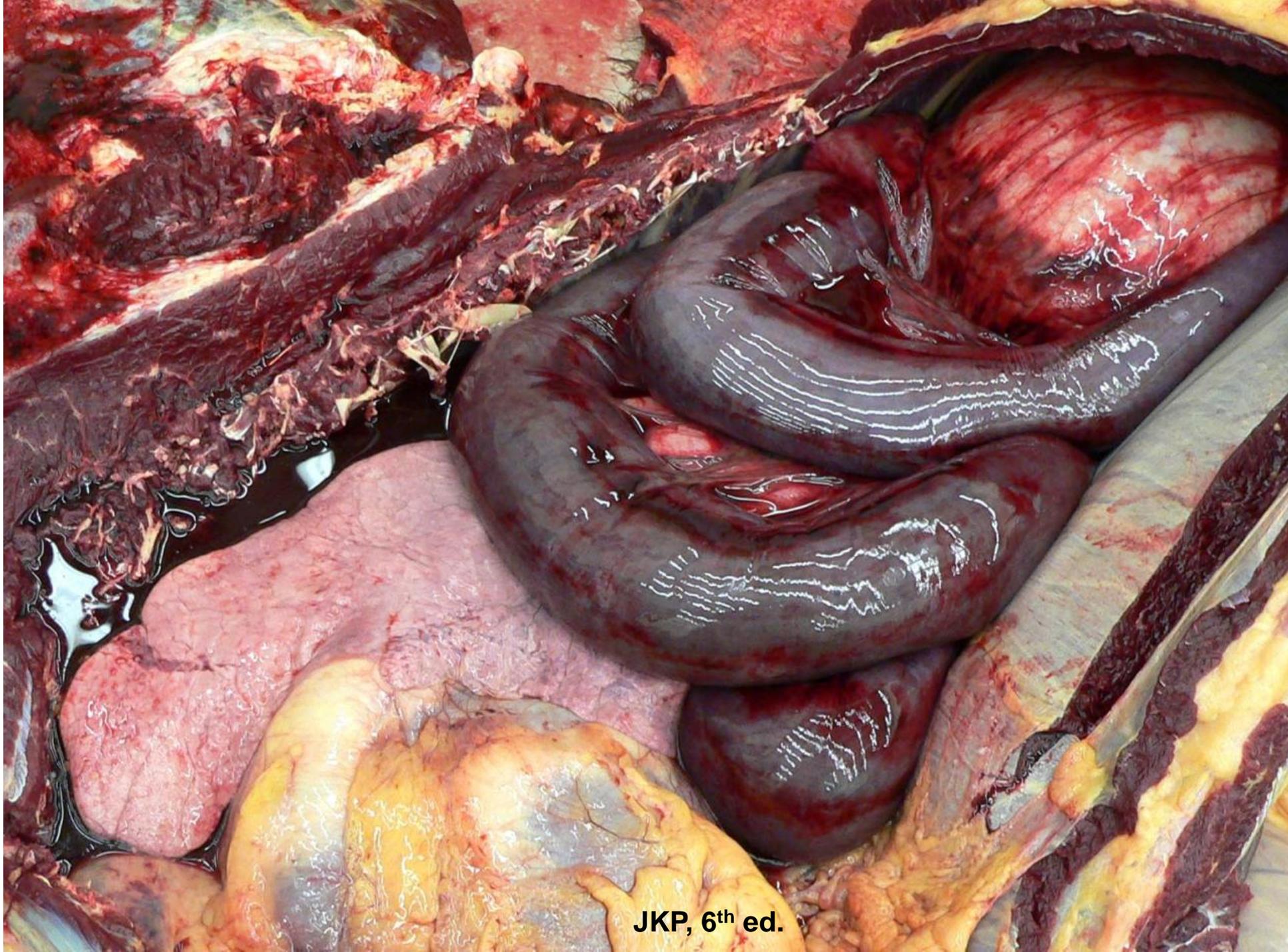




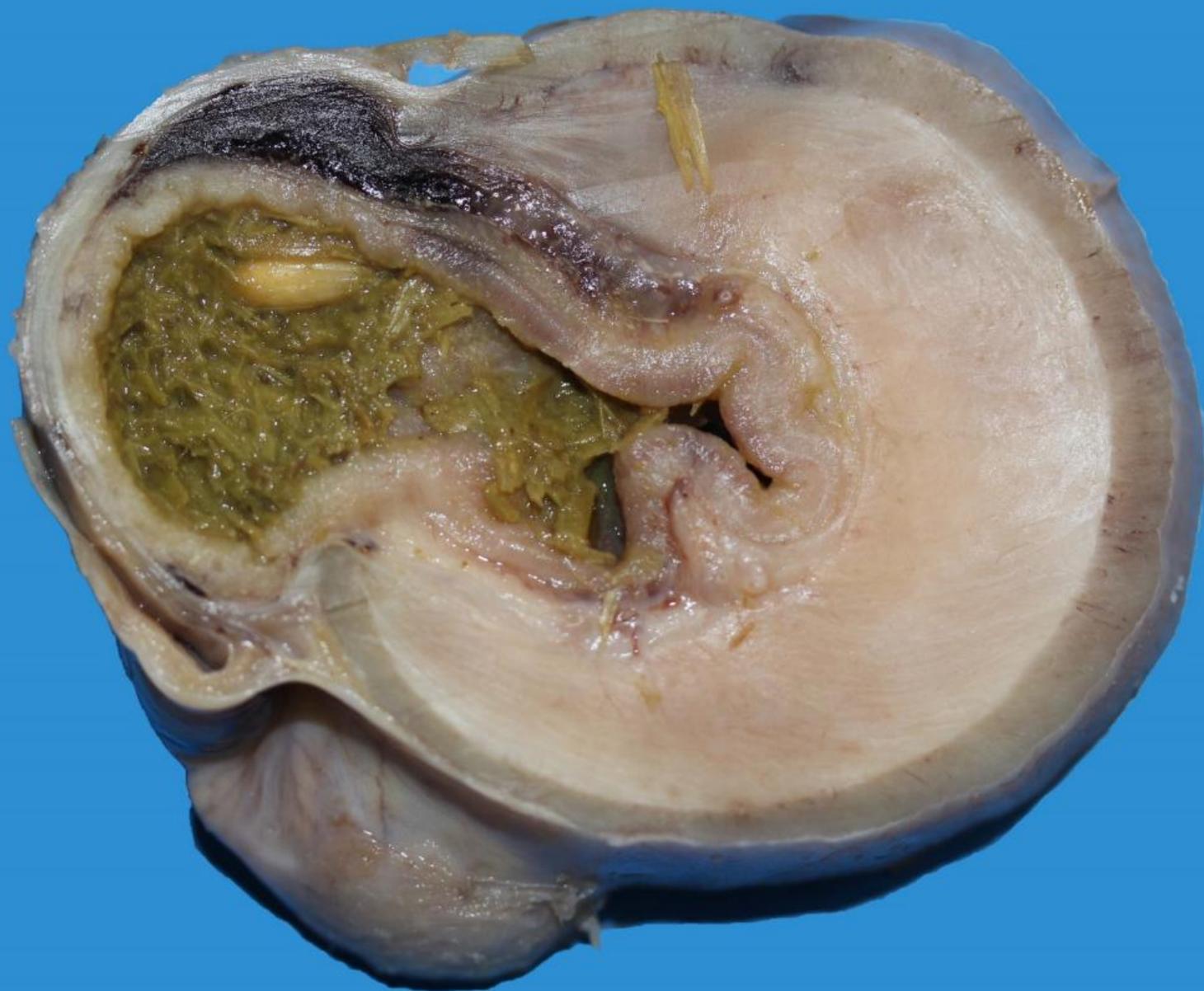










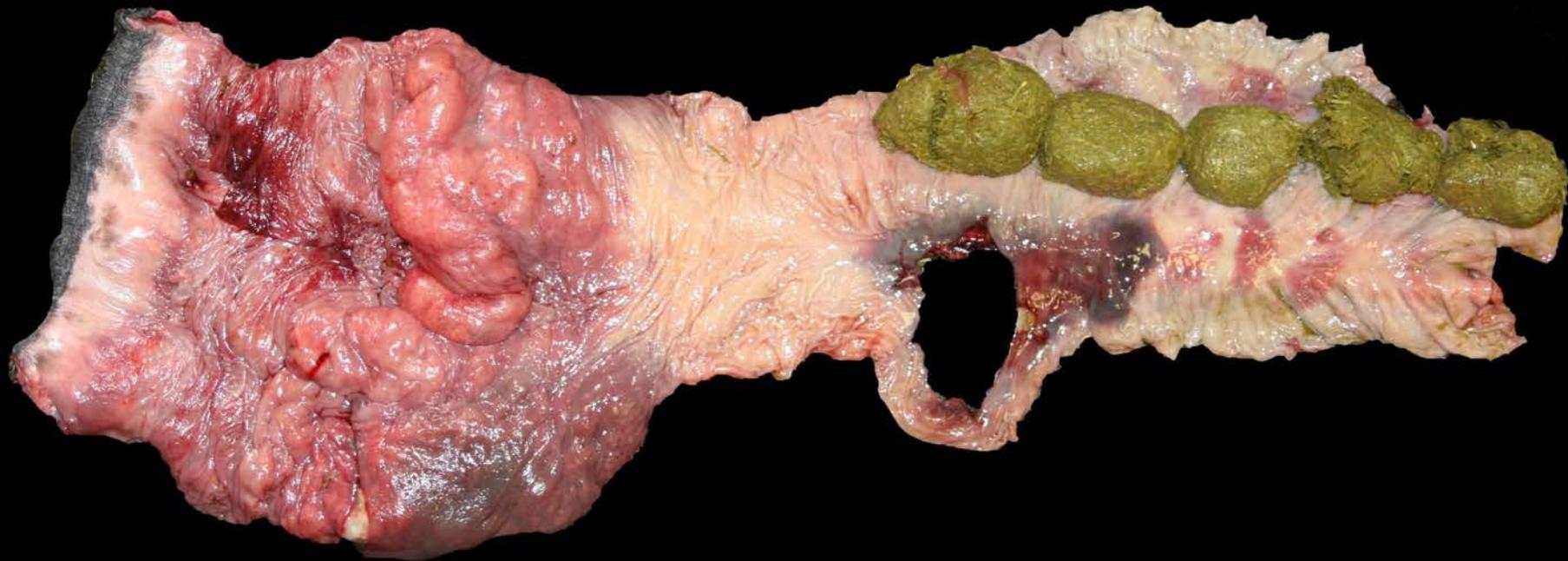


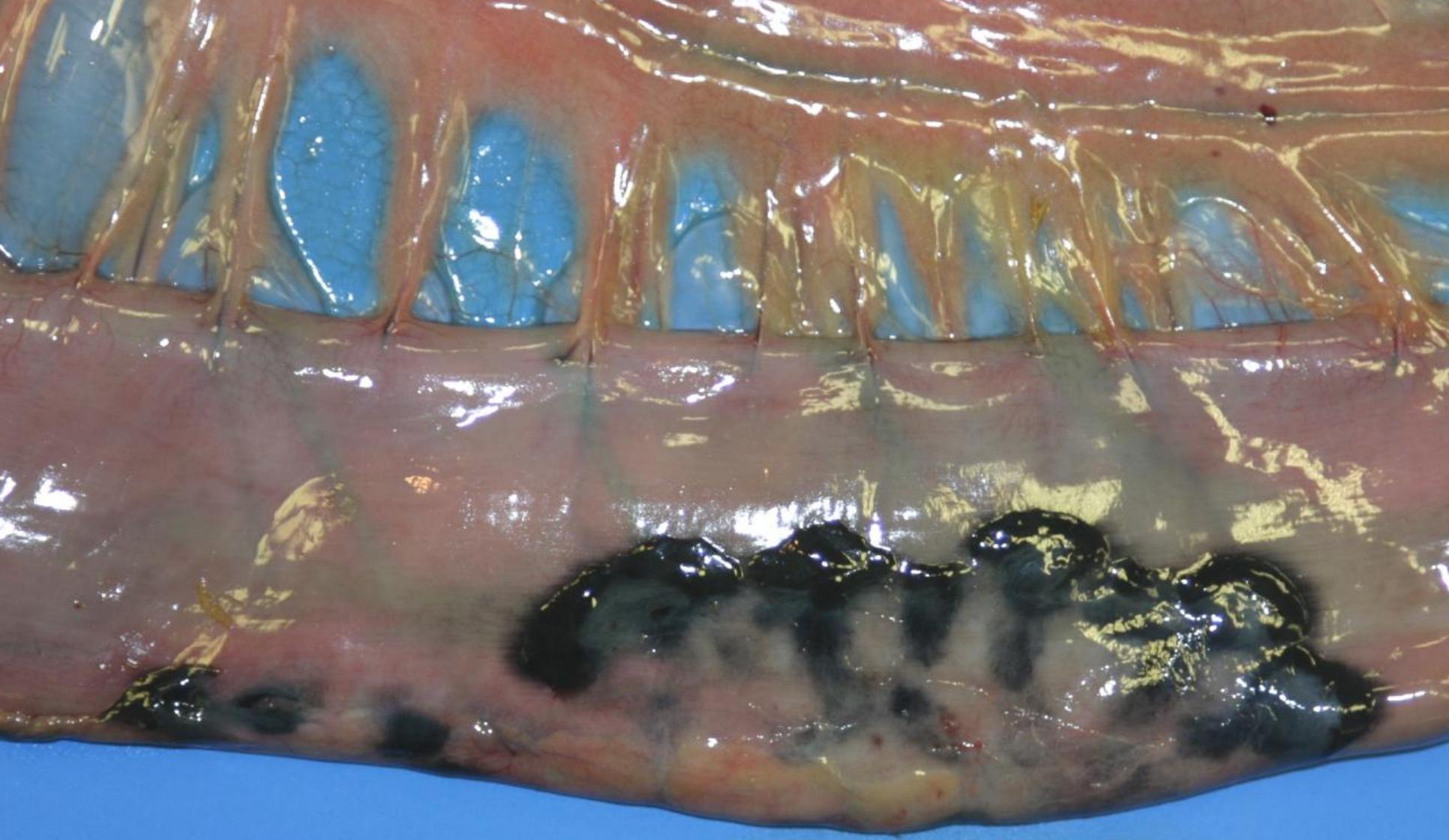


Location?



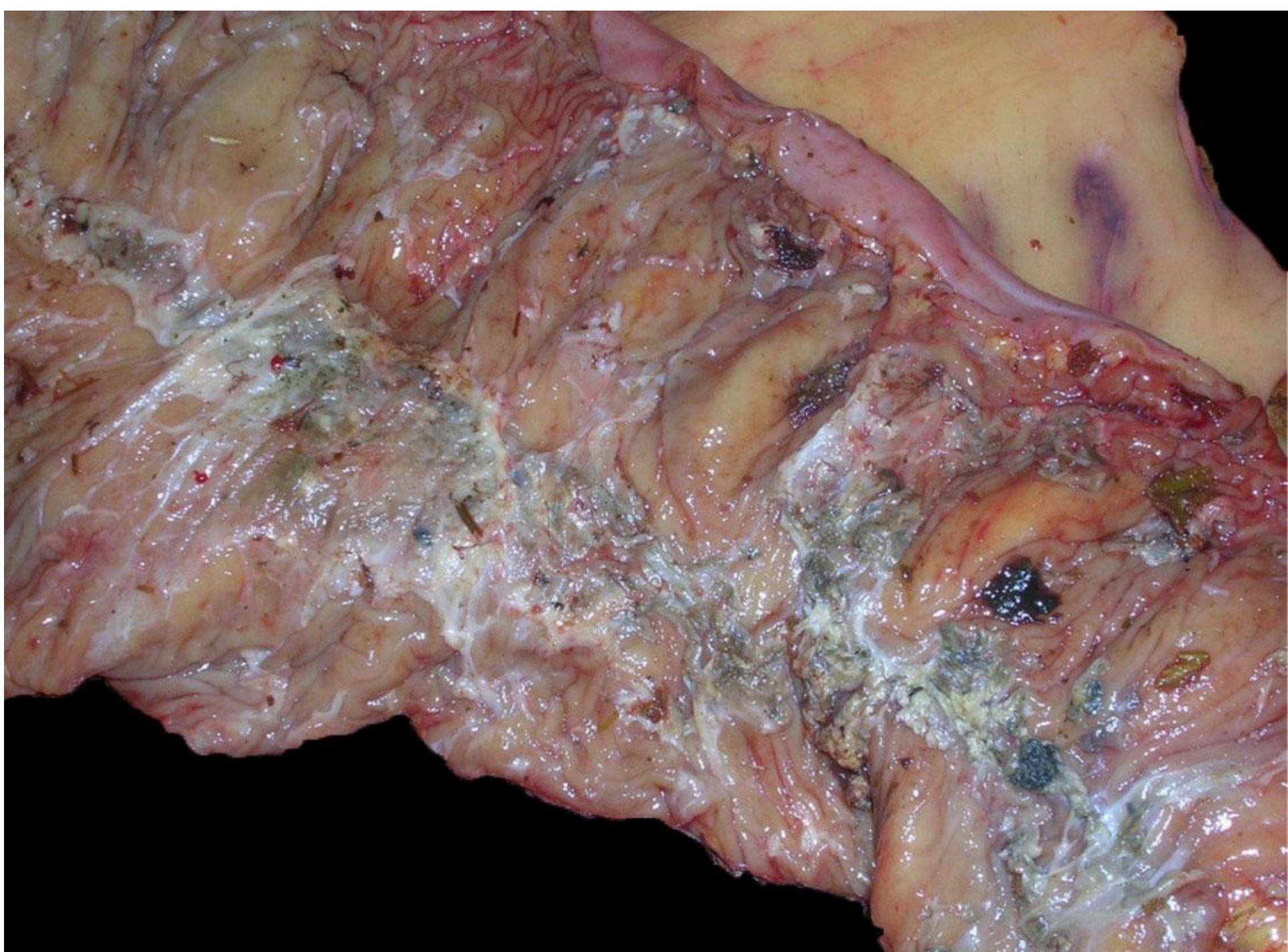


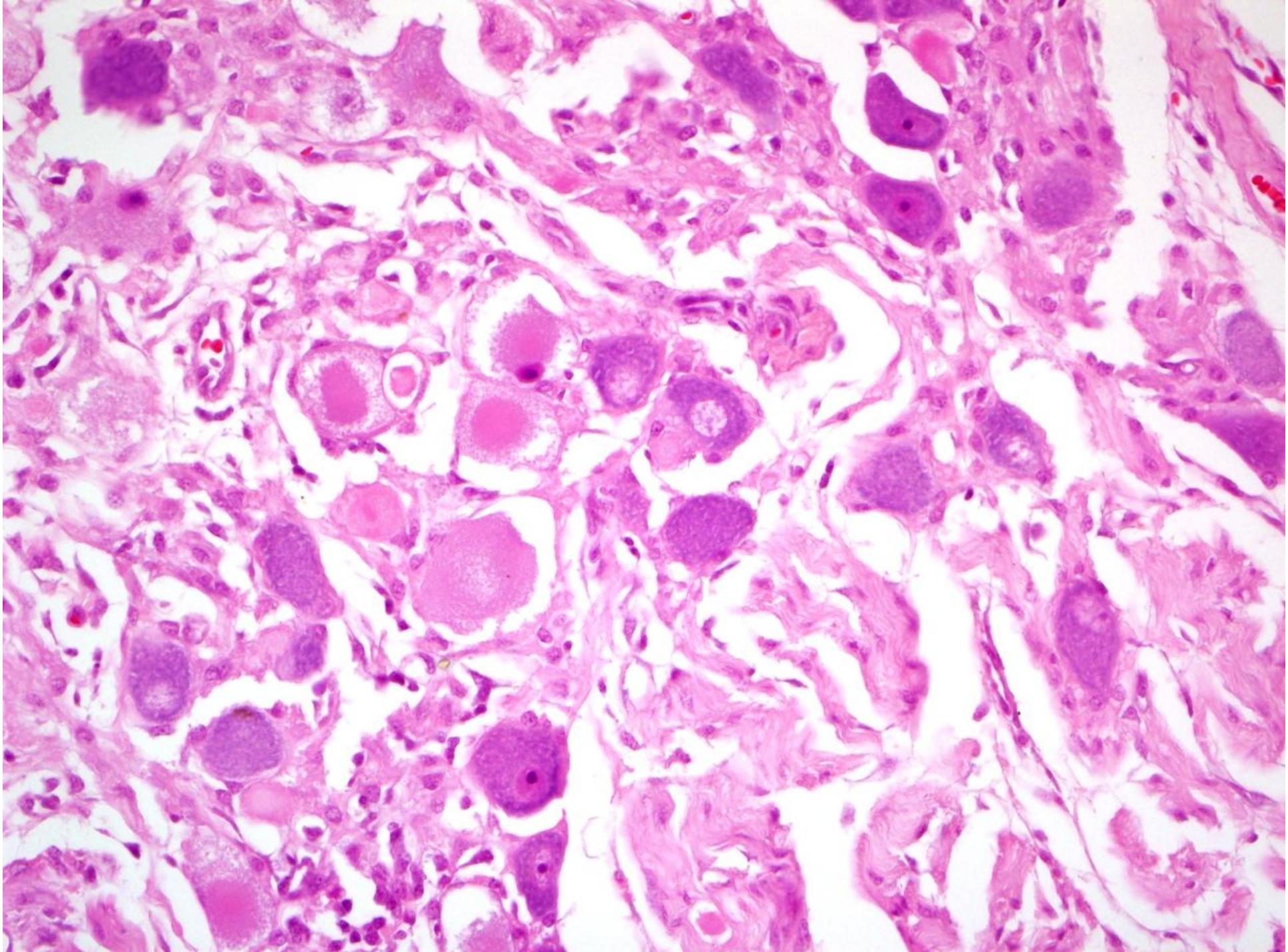












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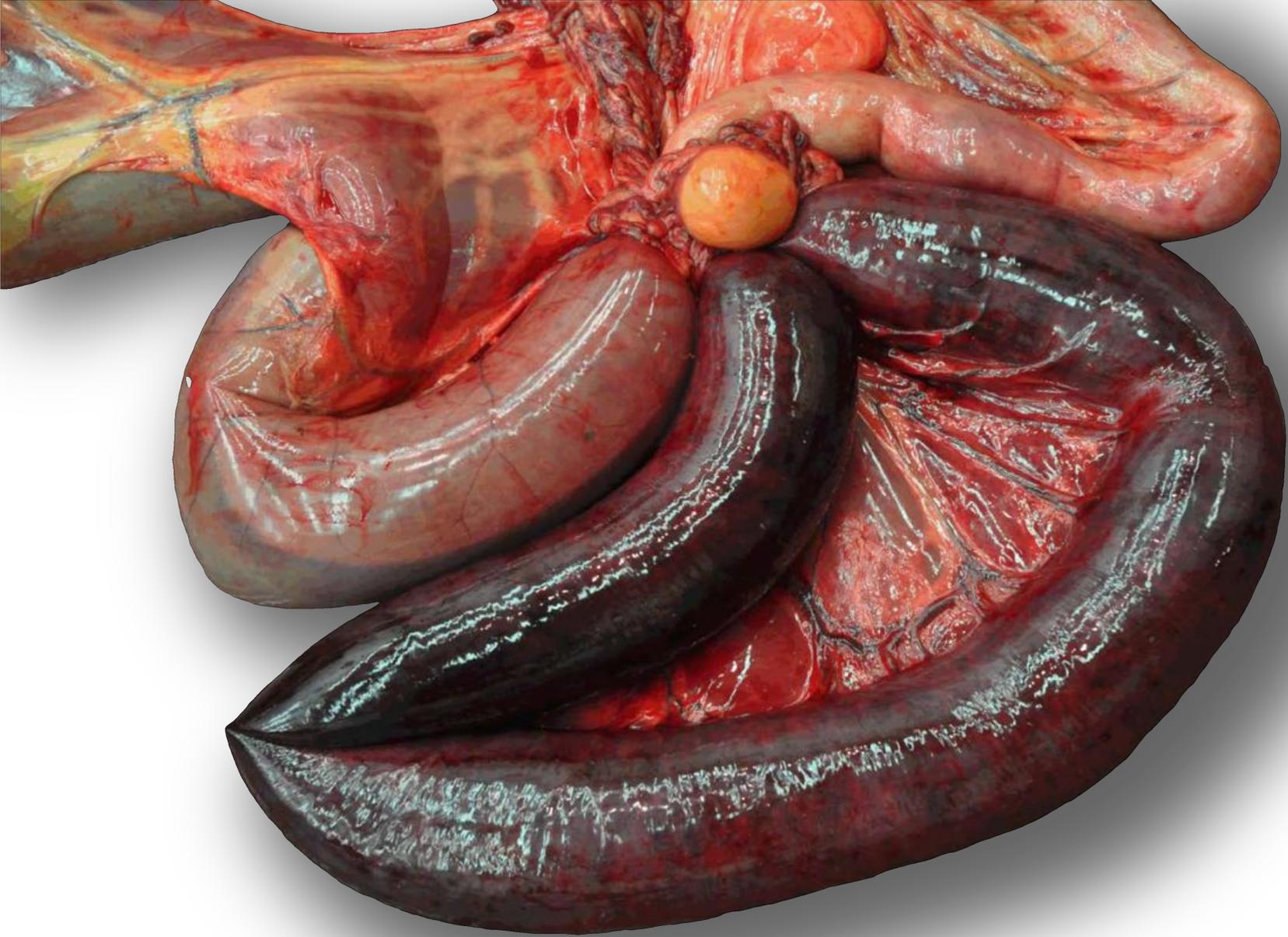
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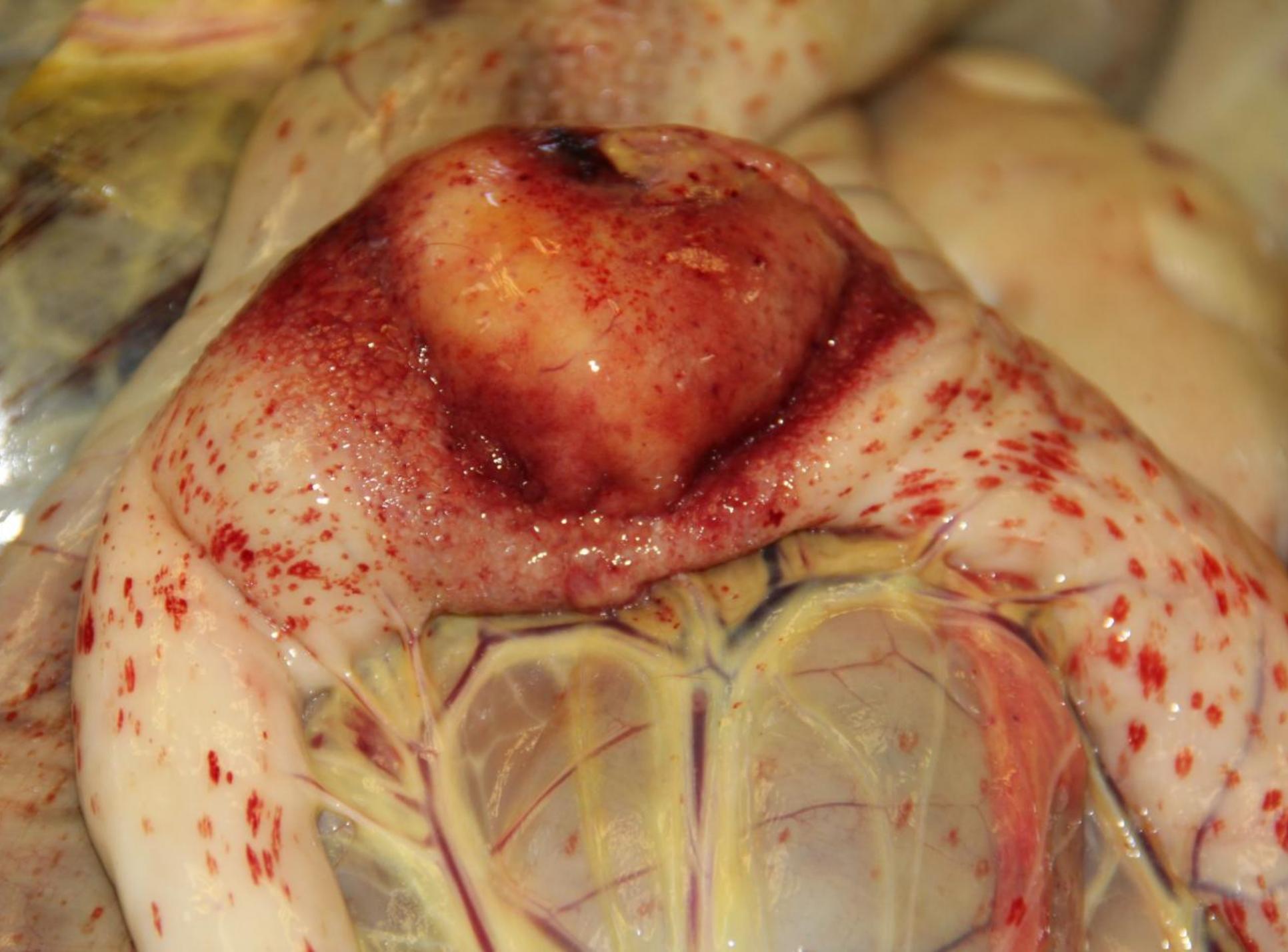
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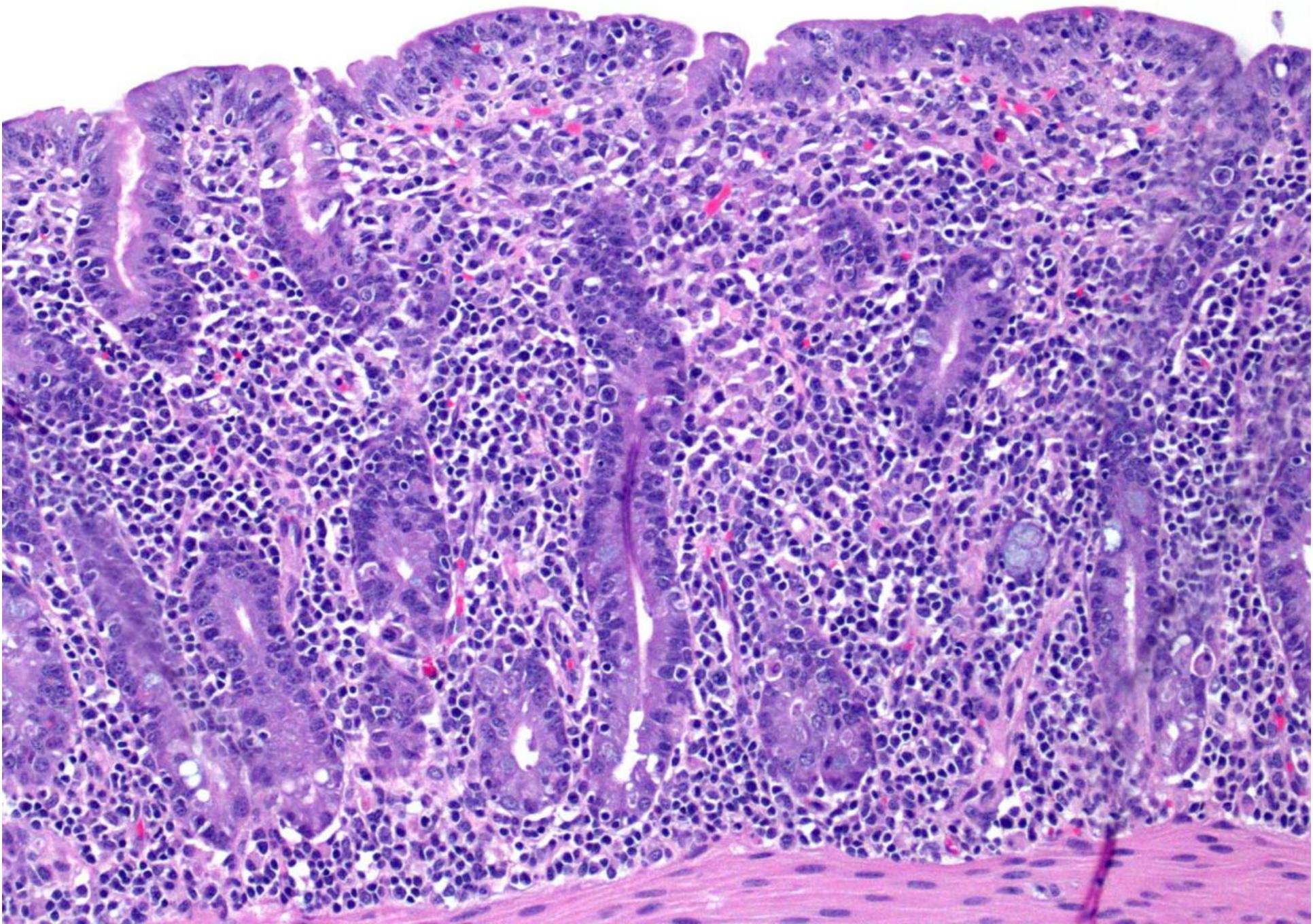
Neoplasia













Thank you!!!

